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- ✓ Wide Range of Tools for All Cars & Trucks
- ✓ Nationwide Service Support
- ✓ Trusted by Professionals Across India



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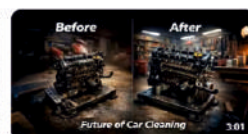
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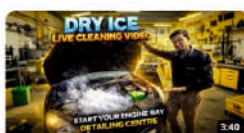
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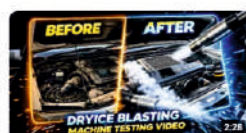
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ENIS



AUTO DIAGNOSTIC MULTIMETER

The AUTOOL Automotive Diagnostic Multimeter is expertly designed for the automotive repair industry, serving as a versatile instrument tailored to measure and test various automotive circuit systems. Equipped with advanced oscilloscope functionality, it adeptly detects automotive circuits, ignition pulses, relays, and fuel injectors, amongst other critical components. Additionally, it facilitates seamless testing of K-line and CAN data for the car's OBD system, making it compatible with a wide variety of vehicle models, including trucks, cars, buses, electric vehicles, and more.



DM301



DM303
(ADVANCED VER.)

- **6 Testing Functions:** Voltage measurement, current measurement, resistance measurement, oscilloscope mode, ignition pulse signal testing, and frequency measurement.
- **Intelligent Overload Protection:** Smart anti-burning protection with overload safeguards; in case of a short circuit, power is immediately cut off to prevent equipment damage.
- **Multiple Power Supply Options:** Supports lithium batteries (optional), dry batteries, and TYPE-C for power supply.
- **Built-in LED Work Light:** Operates effectively in dark environments, meeting various work scenario needs.
- **HD 2.8-Inch Color Display:** Provides clear and easy-to-read data.
- **Button Control Panel:** Simple, intuitive, and easy-to-use controls.
- **Compact and Portable:** Small size for easy carrying, comes with a tool case for convenient storage and management of various connection cables.

- **13 Testing Functions:** Voltage measurement, current measurement, resistance measurement, oscilloscope mode, automotive circuit testing, automotive starting testing, fuel injector testing, relay testing, simulated signal testing, ignition pulse signal testing, K/LIN line data reading, CAN line data reading, and frequency measurement.
- **Intelligent Overload Protection:** Smart anti-burning protection with overload safeguards; in case of a short circuit, power is immediately cut off to prevent equipment damage.
- **Multiple Power Supply Options:** Supports lithium batteries (optional), dry batteries, TYPE-C, and battery clip connections for power supply.
- **Built-in LED Work Light:** Operates effectively in dark environments, suitable for various work scenarios.
- **High-Definition 2.8-Inch Color Display:** Provides clear and easily readable data.
- **Button Control Panel:** Simple, intuitive, and easy-to-use controls.
- **Compact and Portable:** Small size for easy carrying, comes with a tool case for convenient storage and management of various connection cables.

DM301 / DM303

AUTO DIAGNOSTIC MULTIMETER



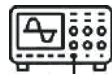
Voltage Measurement



Current Measurement



Resistance Measurement



Oscilloscope



Ignition Pulse Signal Test



Frequency Measurement



	Available Testing Modes	Voltage Measurement Range	Current Measurement Range	Resistance Measurement Range	Frequency Measurement Range	Automotive Circuit Drive Current	Fuel Injector Drive Signal
DM301	6	DC 0-1000V, AC 0-700V	0-20A, 0-200mA	0-1MΩ	1Hz-1MHz	/	/
DM303	13	DC 0-1000V, AC 0-700V	0-20A, 0-200mA	0-1MΩ	1Hz-1MHz	0-5A	500-6000RPM



ENGINE PRESSURE TESTER

AUTOOL has recently introduced its latest series of automotive intelligent pressure detection systems. Tailored to the precise demands of modern vehicle diagnostics, this series offers a comprehensive suite of capabilities, covering critical pressure measurements such as cylinder pressure, engine oil pressure, fuel pressure, gearbox oil pressure, direct injection fuel pressure, and brake fluid pressure. Each measurement category is meticulously addressed with dedicated models and detection adapters.

Employing a digital pressure control system, this technology ensures straightforward operation and facilitates swift and precise measurement of real-time pressure, max pressure, min pressure, pressure differentials, and other data. It is ideally suited for real-time testing and monitoring of pressure and temperature within automotive engine systems. Furthermore, it boasts widespread applicability across automotive maintenance and repair sectors.



- Ultra-Large Range for Comprehensive Measurement: Pressure range up to 210 bar, suitable for standard and high-performance braking systems, including racing-level high-pressure braking systems.
- Accurate Measurement & Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, effectively detecting pressure issues in braking systems.
- Wide Applicability with Complete in Specifications: Equipped with a variety of connectors, supporting pressure measurement for most engine models on the market.
- New Upgrade with Digital Display: Features a multifunctional digital display for max. pressure, minimum pressure, and pressure difference, helping users quickly understand the data and assess braking system performance.
- Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.
- One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.
- Clear Interface for Easy Viewing: High-definition 3-inch LCD backlight display ensures readability even in low-light environment.
- Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.
- Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.



PT660

BRAKE SYSTEM PRESSURE TESTER



High-precision Sensor



One-button Atmospheric Pressure Calibration



Various Units Available



Automatic OFF



Intelligent Alarm



PT660

Operating Voltage

6V (4 AAA batteries)

Measurement Accuracy

±1%FS

Measurement Units

psi, Bar, kg/cm²

Measurement Range

0-210Bar

Resolution

0.1psi, 0.1Bar, 0.1kg/cm²

Operating Temperature

-10°C~+60°C

PT610 CYLINDER PRESSURE GAUGE



- Accurate Measurement & Pressure Locking: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places. Equipped with a one-way valve, it accurately locks the maximum pressure value of the cylinder.
- Wide Applicability & Complete in Specifications: Comes with various connectors to support cylinder pressure testing for most engines on the market.
- Digital display & comprehensive functions: Includes a data storage feature that records 6 sets of pressure measurement data, facilitating comparison and observation to quickly identify fault points.
- Multiple Units with Free Switching: Allows you to switch between pressure units Psi, Bar, and kg/cm², and temperature units Celsius (°C) and Fahrenheit (°F).
- One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.
- Clear Interface for Easy Viewing: HD 2.8-inch LCD backlight display ensures readability even in low-light environment.
- Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.
- Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.

Pressure Range	0-30bar, 0-435.11psi, 0-30.6kg/cm ²
Temperature Range	-55°C-125°C
Pressure Units	bar, psi, kg/cm ²
Screen Size	2.8-inch
Main Unit Dimensions	29x72x175mm

PT620 ENGINE OIL PRESSURE GAUGE KIT



- Accurate Measurement and Clear Judgment: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, effectively detecting engine oil pressure problems.
- Wide Applicability with Complete Specifications: Equipped with 17 types of connectors, supporting pressure measurement for most gasoline engine models available.
- New Upgrade with Intelligent Digital Display: Features a multifunctional digital display that tests maximum pressure, minimum pressure, and pressure difference, providing intuitive data to help users make quick judgments.
- Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.
- One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.
- Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight display ensures readability even in low-light environment.
- Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.
- Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.

Pressure Range	0-30bar, 0-435.11psi, 0-30.6kg/cm ²
Pressure Units	bar, psi, kg/cm ²
Screen Size	2.8-inch
Main Unit Dimensions	29x72x175mm

PT630 FUEL PRESSURE GAUGE



- Accurate Measurement & Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, helping users precisely detect potential problems in the fuel system.
- Wide Applicability & Complete in Specifications: Equipped with various connectors, supporting pressure measurement for most gasoline engine models available.
- Comprehensive functionality with Digital Display: for max. pressure, minimum pressure, and pressure difference, providing intuitive data to help users make quick judgments.
- Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.
- One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.
- Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight display ensures readability even in low-light environment.
- Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.
- Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.

Pressure Range	0-30bar, 0-435.11psi, 0-30.6kg/cm ²
Pressure Units	bar, psi, kg/cm ²
Screen Size	2.8-inch
Main Unit Dimensions	29x72x175mm

PT635 FUEL PRESSURE GAUGE (High-end Version)



- Accurate Measurement & Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, helping users precisely detect potential problems in the fuel system.
- Wide Applicability & Complete in Specifications: Equipped with various connectors, supporting pressure measurement for most gasoline engine models available.
- New Upgrade with Digital Display: for max.pressure, minimum pressure, and AVG pressure difference, helping users intuitively understand the data.
- Temperature Monitoring for Enhanced Assessment: Features internal environmental temperature monitoring and additional functions (for monitoring various environmental parameters), assisting in assessing the status of the fuel circulation system.
- Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.
- One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.
- Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight display ensures readability even in low-light environment.
- Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.
- Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.

Pressure Range	0~30bar, 0~435.11psi, 0~30.6kg/cm ²
Temperature Range	-40°C~125°C
Pressure Units	bar, psi, kg/cm ²
Screen Size	2.8-inch
Main Unit Dimensions	29x72x175mm

PT640 GDI FUEL PRESSURE GAUGE



- Ultra-Large Range for Comprehensive Measurement: Pressure range up to 360 bar, suitable for both standard and high-performance vehicles, including racing-level high-pressure fuel systems.
- Accurate Measurement & Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, helping users precisely detect potential problems in the fuel system.
- Wide Applicability & Complete in Specifications: Equipped with a variety of connectors, supporting pressure measurement for most direct injection engine models on the market.
- New Upgrade with Digital Display: for current pressure,max. pressure, minimum pressure, and pressure difference, providing intuitive data to help users make quick judgments.
- Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.
- One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.
- Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight display ensures readability even in low-light environment.
- Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.
- Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.

Pressure Range	0~360bar, 0~5221.3psi, 0~367kg/cm ²
Pressure Units	bar, psi, kg/cm ²
Screen Size	2.8-inch
Main Unit Dimensions	29x72x175mm

PT650 TRANSMISSION OIL PRESSURE GAUGE



- Accurate Measurement and Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, effectively detecting pressure issues in braking systems.
- Wide Applicability & Complete in Specifications: Equipped with a variety of connectors, supporting pressure measurement for most engine models on the market.
- New Upgrade with Digital Display: for max. pressure, minimum pressure, and pressure difference, helping users quickly diagnose the condition of the transmission system and visually identify issues with gearbox performance.
- Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.
- One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.
- Clear Interface for Easy Viewing: HD 2.8-inch LCD backlight display ensures readability even in low-light environment.
- Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.
- Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.

Pressure Range	0~30bar, 0~435.11psi, 0~30.6kg/cm ²
Pressure Units	bar, psi, kg/cm ²
Screen Size	2.8-inch
Main Unit Dimensions	29x72x175mm



PT530
(300KPA)

PT520
(200KPA)



- Dual-channel Manometer: Measures the pressure at two different points in the hose simultaneously and calculates the pressure difference.
- High-Precision Sensor: Includes temperature compensation with a pressure range from -100KPa to +300KPa to meet various operational needs.
- Multi-data display: Simultaneously shows positive pressure, negative pressure, differential pressure, and maximum/minimum values during measurement.
- Multiple unit switching: Supports switching between 10 different units (KPa, hPa, Torr, mbar, inHg, mmHg, inH2O, mmH2O, psi, kg/cm²).
- Data storage function: Circular storage of 29 data sets; when full, the earliest data is automatically overwritten. Historical data can be reviewed.
- Back detail design: Includes a magnet feature, allowing it to attach to the iron parts of a car during operation, providing convenience and freeing up your hands.
- Various measurement connectors: Comes with different-sized joints to accommodate hoses of various diameters.
- Not affected by dark environments, equipped with lighting and illuminated button design to meet various environmental needs.
- One-Click data locking: Prevents accidental changes to readings, ensuring data accuracy.
- Wide application range: Suitable for vacuum negative pressure testing in intake manifolds, brake boosters, crankcases, exhaust valves, and other applications.
- Versatile usage: Supports pressure measurement for non-corrosive liquids such as oil, water, air, and natural gas.

- Dual-channel Manometer: Measures the pressure at two different points in the hose simultaneously and calculates the pressure difference.
- High-precision sensor with a pressure range of -100KPa to +200KPa, suitable for various applications, and includes temperature compensation.
- Multi-data display: Simultaneously shows positive pressure, negative pressure, differential pressure, and maximum/minimum values during measurement.
- Multiple unit switching: Supports switching between 10 different units (KPa, hPa, Torr, mbar, inHg, mmHg, inH2O, mmH2O, psi, kg/cm²).
- Data storage function: Circular storage of 29 data sets; when full, the earliest data is automatically overwritten. Historical data can be reviewed.
- Various measurement connectors: Comes with different-sized joints to accommodate hoses of various diameters.
- One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.
- Wide application range: Suitable for vacuum negative pressure testing in intake manifolds, brake boosters, crankcases, exhaust valves, and more.

PT520 / PT530 DIGITAL MANOMETER



Positive & Negative Pressure Measurements



Max & Min Value Recording



Differential Pressure Measurement

Psi/KPa
.....

Supports 10 Pressure Units



Data Locking & Reset



Flashlight

	Operating Voltage	Measurement Range	Measurement Accuracy	Resolution	Measurement Units
PT520	6V (4 AAA batteries)	-100-200Kpa	±0.3%FS	0.1hpa, 0.01Kpa	hPa, Torr, mbar, inHg, mmHg,
PT530	6V (4 AAA batteries)	-100-300Kpa	±0.25%FS	0.1hpa, 0.01Kpa	inH2O, mmH2O, psi, Kpa, kg/cm ²



OIL ANALYSIS TESTER SERIES

The AUTOOL Automotive Oil Tester series is specifically engineered for comprehensive oil analysis across a spectrum of automotive fluids, encompassing engine oil, transmission fluid, brake fluid, and beyond. This sophisticated series empowers professionals within the automotive industry to accurately determine the ideal oil change intervals, pinpoint root causes of malfunctions, and proactively prevent potential lubrication-related failures or wear, thus ensuring vehicle safety and performance.



TYPES	Dry Boiling Point (Brand new brake fluid)	Wet Boiling Point (Brake fluid in use)
DOT3	205°C/401°F	140°C/284°F
DOT4	230°C/446°F	155°C/311°F
DOT4+	230°C/446°F	155°C/311°F
DOT5	260°C/500°F	180°C/356°F
DOT5.1	270°C/518°F	190°C/374°F

AS506

BRAKE FLUID BOILING POINT TESTER



Dual-mode Options



Fast Testing



Supports Various Brake Fluid Types



Reference Value For Boiling Point



Reverse Polarity Protection

- High Precision Measurement with Dual Modes: Standard Mode/Brand Mode, supports 9 types of brake fluids and 14 popular brands.
- Overheat Protection: Temperature range 0-320°C. Initial oil temperature must not exceed 50°C for normal operation. Testing stops automatically if the oil temperature exceeds the boiling point by 5°C.
- Reverse Polarity Protection: Ensures safety and reliability by preventing short circuits and overcurrent during operation, protecting both the user and the device.
- Efficient Diagnosis with 16-Second Response: Utilizes advanced sensor technology to quickly and accurately measure the boiling point of brake fluid, ensuring the fluid's condition.
- Multiple Units for Flexible Switching: Easily switch between Celsius (°C) and Fahrenheit (°F) modes, suitable for use in different countries and regions.
- Wide Application and Strong Versatility: Powered by a 12V supply, easy to control and safe to use, supports most brake fluid brands on the market.
- Simple Operation with Compact Size: Provides reference values for brake fluid boiling points, helping users quickly understand the boiling point difference.
- User-Friendly and Portable: Includes a tool box for convenient storage and management of various parts.

AS506

Working Voltage	Operating Temperature	Test Time	Wet Boiling Point Range	Dry Boiling Point Range	Main Unit Size
DC12V (minimum 10V)	0-50°C 50-122°F	16 seconds	140-205°C 284-401°F	160-320°C 320-608°F	88x88x146mm

AS502 BRAKE FLUID TESTER



- High Precision Measurement with Dual Modes: Normal mode/Expert mode, supporting 3 types of brake fluid and 12 major brand selections.
- Smart Digital Display with Pressure Detection System: No need to extract brake fluid; the 250mm long flexible hose allows instant assessment of fluid life.
- Efficient Diagnosis with 10-Second Response: Utilizes rapid pressurization technology for quick and precise measurement of brake fluid moisture content.
- Reliable Quality and Durability: Goose-neck tube made from high-quality 304 stainless steel, offering corrosion resistance, high-temperature resistance, and oxidation resistance.
- Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight screen, operable in darkness and providing clear data visibility in various environments.
- Wide Applicability and Strong Stability: Supports quality testing of most fluids available on the market.

Operating Voltage	6V (4 AAA batteries)
Working Principle	Digital Sensing
Testing Cable Length	25cm
Screen Size	2.8-inch
Product Dimensions	72x29x175mm

AS503 ENGINE OIL QUALITY TESTER



- Wide Applicability with Dual Modes: Gasoline engine mode/Diesel engine mode, supports quality testing of most engine lubricants (oils) on the market.
- Smart Digital Display with Optical Probe: No need to extract oil; 800mm long flexible hose and high-precision chip for quick response, instantly revealing fluid life.
- Reliable Quality and Durability: Made from high-quality Teflon, offering high-temperature resistance, corrosion resistance, oxidation resistance, and good flexibility.
- Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight screen, operable in darkness and providing clear data visibility in various environments.
- Temperature Control System with Automatic Recognition: Effectively detects lubricant (oil) temperature and aids in assessing the condition of the oil from multiple angles.
- Efficient Diagnosis with 10-Second Response: Uses advanced sensor technology to quickly and accurately measure the light transmittance of lubricants (oils).
- Multiple Units for Flexible Switching: Easily switch between Celsius (°C) and Fahrenheit (°F) modes, suitable for use in different countries and regions.
- Simple Operation with Intuitive Understanding: Provides reference values for lubricants (oils), helping users understand data intuitively and make judgments without requiring professional knowledge.

Operating Voltage	6V (4 AAA batteries)
Working Principle	Photoelectric Sensing
Testing Cable Length	80cm
Screen Size	2.8-inch
Product Dimensions	72x29x175mm

AS505 TRANSMISSION FLUID TESTER



- Smart Digital Display with Optical Probe: No need to extract transmission fluid; 800mm long flexible hose with high-precision chip for quick response, instantly revealing fluid life.
- Reliable Quality and Durability: Made from high-quality Teflon, offering high-temperature resistance, corrosion resistance, oxidation resistance, and good flexibility.
- Efficient Diagnosis with 10-Second Response: Utilizes advanced sensor technology to quickly and accurately measure transmission fluid.
- Temperature Control System with Automatic Recognition: Effectively detects transmission fluid temperature and provides multi-angle assessments of the transmission's condition.
- Simple Operation, Time-Saving and Convenient: Ready to use upon powering on, suitable for both home and professional use, meeting the quality testing needs for most transmission fluids on the market.
- Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight screen, operable in darkness and providing clear data visibility in various environments.
- Multiple Units for Flexible Switching: Easily switch between Celsius (°C) and Fahrenheit (°F) modes, suitable for use in different countries and regions.

Operating Voltage	6V (4 AAA batteries)
Working Principle	Photoelectric Sensing
Testing Cable Length	80cm
Screen Size	2.8-inch
Product Dimensions	72x29x175mm

AS507 POWER STEERING FLUID TESTER



- Smart Digital Display with Optical Probe: 800mm length hose and high-precision chip for quick response; instantly assess the oil's usage life.
- Reliable Quality and Durability: Made from high-quality fluoropolymer materials, offering high temperature resistance, oil resistance, corrosion resistance, oxidation resistance, and good flexibility.
- Efficient Diagnosis with 10-Second Response: Utilizes advanced sensor technology to quickly and accurately measure the transparency of steering gear oil.
- Clear Interface, Easy to Read: HD 2.8-inch LCD backlit screen, usable in dark environments.
- Versatile with Unit Switching: Easily switch between Celsius (°C) and Fahrenheit (°F) modes, suitable for use in different countries and regions.
- Simple Operation, Wide Application: Ready to use right out of the box, capable of testing most steering fluid available on the market.

Operating Voltage	6V (4 AAA batteries)
Working Principle	Photoelectric Sensing
Testing Cable Length	80cm
Screen Size	2.8-inch
Product Dimensions	72x29x175mm



AUTOMOTIVE BATTERY TESTER

Utilizing cutting-edge conductivity testing technology, the AUTOOL Battery Tester swiftly and precisely assesses critical parameters such as actual cold start current, battery voltage, state of charge (SOC), and state of health (SOH) percentage, providing comprehensive insights into battery performance and longevity.



- Five Testing Functions: Battery Test, Starting Test, Charging Test, Load Test, and Leakage Monitoring Function.
- Clear Interface, Easy to Read: High-definition 3.2-inch TFT color display screen with a wide viewing angle.
- Detects Multiple Battery Data: Battery life, battery voltage, battery internal resistance, battery charge, battery health status, leakage voltage, leakage current, battery environmental temperature.
- Highly Practical, Wide Measurement Range: Voltage testing range of 8-30V, supports testing of (standard lead-acid batteries/AGM flat plate batteries/AGM spiral batteries/GEL gel batteries/EFB enhanced flooded batteries), suitable for motorcycles, trucks, cars, and two-wheeled electric vehicles of various sizes.
- Comprehensive Upgrade, Strong Compatibility: One device compatible with multiple battery testing standards (CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB).
- Smart Overheat Protection and Reverse Polarity Protection: Automatically cuts off power in case of a short circuit during operation to prevent equipment damage.
- Built-in Thermal Printing Function: Allows for setting license plates/date/number and real-time printing of test data.
- Space-Saving, Compact and Portable: Comes with a tool box for convenient storage and management of various parts.



BT880

BATTERY SYSTEM TESTER



Battery Test



Start Test



Charging Test



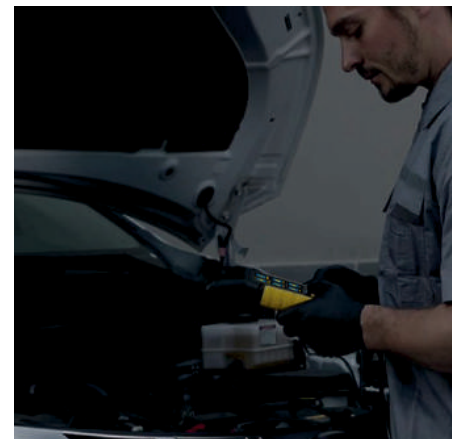
Load Test



V/A Monitor



Data Printing



BT880

Voltage Testing Range

8-30V

Testing Standards Range

20-2000 CCA

Operating Temperature

-20°C-50°C

Screen Size

3.2-inch Color Display Screen

Main Unit Dimensions

203x106x55mm

BT360



- Three Major Testing Functions: Battery test, starting test, and charging test.
- Quick Testing Function for Efficiency: One-touch fast testing for standard national battery types.
- Detect Multiple Battery Data: Battery life, voltage, internal resistance, battery charge level, battery starting status, and battery load status.
- High Practicality with Broad Range: Voltage testing range of 8-30V; supports testing of various battery types (standard lead-acid, AGM flat plate, AGM spiral, GEL, EFB) suitable for motorcycles, trucks, cars, and two-wheeled electric vehicles of different sizes.
- Comprehensive Upgrade with Strong Compatibility: One device compatible with multiple battery testing standards (CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB).
- Smart Overheat Protection and Reverse Polarity Protection: Automatically cuts off power in case of short circuits during operation to prevent device damage.

Voltage Testing Range	8-30V
Testing Standards Range	100-2000 CCA
Data Printing Function	×
Screen Size	2.4-inch TFT Screen
Main Unit Dimensions	139x77x30mm

BT460



- Five Major Testing Functions: Battery test, starting test, charging test, load test, and voltage waveform graph.
- Clear Interface for Easy Viewing: HD 2.8-inch TFT color display with wide viewing angles.
- Detect Multiple Battery Data: Battery life, voltage, internal resistance, battery charge level, battery starting status, and battery load status.
- High Practicality with Broad Range: Voltage testing range of 8-30V; supports testing of various battery types (standard lead-acid, AGM flat plate, AGM spiral, GEL, EFB) suitable for motorcycles, trucks, cars, and two-wheeled electric vehicles of different sizes.
- Comprehensive Upgrade with Strong Compatibility: One device compatible with battery testing standards (CCA, DIN, IEC, EN, SAE, GB, JIS).
- Smart Overheat Protection and Reverse Polarity Protection: Automatically cuts off power in case of short circuits during operation to prevent device damage.

Voltage Testing Range	8-30V
Testing Standards Range	30-1700 CCA
Data Printing Function	×
Screen Size	2.8-inch Color Display
Main Unit Dimensions	150x80x30mm

BT760



- Four Testing Functions: Battery Test, Starting Test, Charging Test, Load Test.
- Clear Interface, Easy to Read: High-definition 3.2-inch TFT color display screen with a wide viewing angle.
- Detects Multiple Battery Data: Battery life, battery voltage, battery internal resistance, battery charge, battery starting status, battery load status.
- Highly Practical, Wide Measurement Range: Voltage testing range of 8-30V, supports testing of (standard lead-acid batteries/AGM flat plate batteries/AGM spiral batteries/GEL gel batteries/EFB enhanced flooded batteries), suitable for motorcycles, trucks, cars, and two-wheeled electric vehicles of various sizes.
- Comprehensive Upgrade, Strong Compatibility: One device compatible with (CCA, DIN, IEC, EN, SAE, GB, JIS) battery testing standards.
- Smart Overheat Protection and Reverse Polarity Protection: Automatically cuts off power in case of a short circuit during operation to prevent equipment damage.
- Built-in Thermal Printing Function: Allows for setting license plates/date/number and real-time printing of test data.
- Space-Saving, Compact and Portable: Comes with a tool box for convenient storage and management of various parts.

Voltage Testing Range	8-30V
Testing Standards Range	20-2000 CCA
Data Printing Function	✓
Screen Size	3.2-inch Color Display
Main Unit Dimensions	210x98x38mm

BT960



- Professional Equipment with 7 Major Testing Functions: Lithium Battery Test, Lead-Acid Battery Test, Starting Test, Charging Test, Load Test, Voltage Test, and Current Test.
- Highly Practical with a Wide Measurement Range: Voltage testing range of 0-80V, supports testing of (lithium batteries/lead-acid batteries/AGM flat plate batteries/AGM spiral batteries/GEL gel batteries/EFB enhanced flooded batteries), suitable for motorcycles, trucks, cars, and two-wheeled electric vehicles of various sizes.
- Current Testing: Allows monitoring of battery leakage by observing changes in current.
- Comprehensive Upgrade with Dual Testing Modes: Lithium Battery/Lead-Acid Battery multifunctional testing, compatible with (CCA, DIN, IEC, EN, SAE, GB, JIS) battery testing standards using a single device.
- Smart Overheat Protection and Reverse Polarity Protection: Effectively prevents short circuits during operation by immediately cutting off power to avoid damage to the equipment.
- Efficient and Reliable Use: Built-in thermal printing function for real-time printing of test data, with settings for license plates/date/number.
- Clear Interface and Easy to Read: High-definition 3.2-inch TFT color display screen with a wide viewing angle.
- Space-Saving, Compact and Portable: Comes with a tool box for convenient storage and management of various parts.

Voltage Testing Range	0-80V
Testing Standards Range	20-2000 CCA
Data Printing Function	✓
Screen Size	3.2-inch Color Display
Main Unit Dimensions	210x98x38mm



ELECTRICAL CIRCUIT SYSTEM TESTER

The AUTOOL Automotive Electrical Circuit System Tester is a versatile tool equipped with various functions, including a voltmeter, test light, short circuit indicator, component tester, continuity tester, and ground fault indicator. With these features, users can easily diagnose car electrical circuits, making it a valuable assistant for automotive electrical system maintenance and repairs.



- Eight Major Testing Functions: Intelligent Testing (automatic voltage and resistance detection), Multimeter Function, Oscilloscope Function, Relay Testing Function, Component Activation Function, 0-5V Power Supply Function, Injector Testing Function, Polarity Testing, and Multi-Language Settings.
- Multimeter Function: Voltage, resistance, current, diode, frequency.
- Oscilloscope Function: Waveform diagrams for voltage, resistance, current frequency, time, and other parameters.
- Injector Testing Function: Four different pulse modes to accurately test the injector using pulse signals.
- Fuse Protection: Automatically blows the circuit when the current exceeds the set value to prevent accidents.
- Positive and Negative Terminal Testing: When the probe touches the positive circuit, the red indicator light will turn on. When the probe touches the negative terminal, the green indicator light will illuminate.
- High Practicality and Wide Range: Voltage testing range of 0-100V, capable of accurately measuring small voltage changes and various high voltage signals.
- Fourteen Language Settings: Chinese, English, Russian, German, Portuguese, French, Italian, Spanish, Polish, Vietnamese, Malaysian, Thai, Indonesian, and Arabic.
- LED Flashlight Function: Provides visibility in dark environments, ensuring successful circuit testing in various conditions.
- 8-Meter Power Cable: Provides ample working space and convenient circuit testing.



BT280

ELECTRICAL CIRCUIT SYSTEM TESTER



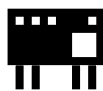
Intelligent Recognition



Multimeter Mode



Oscilloscope Mode



Relay Test



Injector Test



Multi-Language



BT280

Operating Voltage	Voltage Measurement Range	Resistance Measurement Range	Current Measurement Range	Maximum Continuous Current	Output Voltage	Display Screen	Power Cord Length
9~30V	0.1~100V	1~200KΩ	0~18A	18A	0~5V	2.4-inch color display	8m

BT210 POWER CIRCUIT TESTER



- Four Major Circuit Testing Functions: Voltage testing continuity testing, polarity testing, and temperature testing.
- Temperature Testing: Temperature sensor installed at the pointer location for real-time monitoring of environmental temperature changes, allowing multi-angle assessment of potential circuit overloads.
- Polarity Testing: Automatically identifies positive and negative poles. Green light indicates correct connection, while red light indicates incorrect connection, preventing equipment damage.
- Overload Protection: Voltage testing range of 9-30V. If the voltage exceeds 30V or the current exceeds 10A during testing, the protection function activates automatically.
- Lighting Function: Ensures visibility in dark environments, suitable for various working conditions.
- Compact Size, Wide Applicability: Suitable for motor-cycles, trucks, cars, and other vehicle sizes.

BT250 ELECTRICAL CIRCUIT SYSTEM TESTER



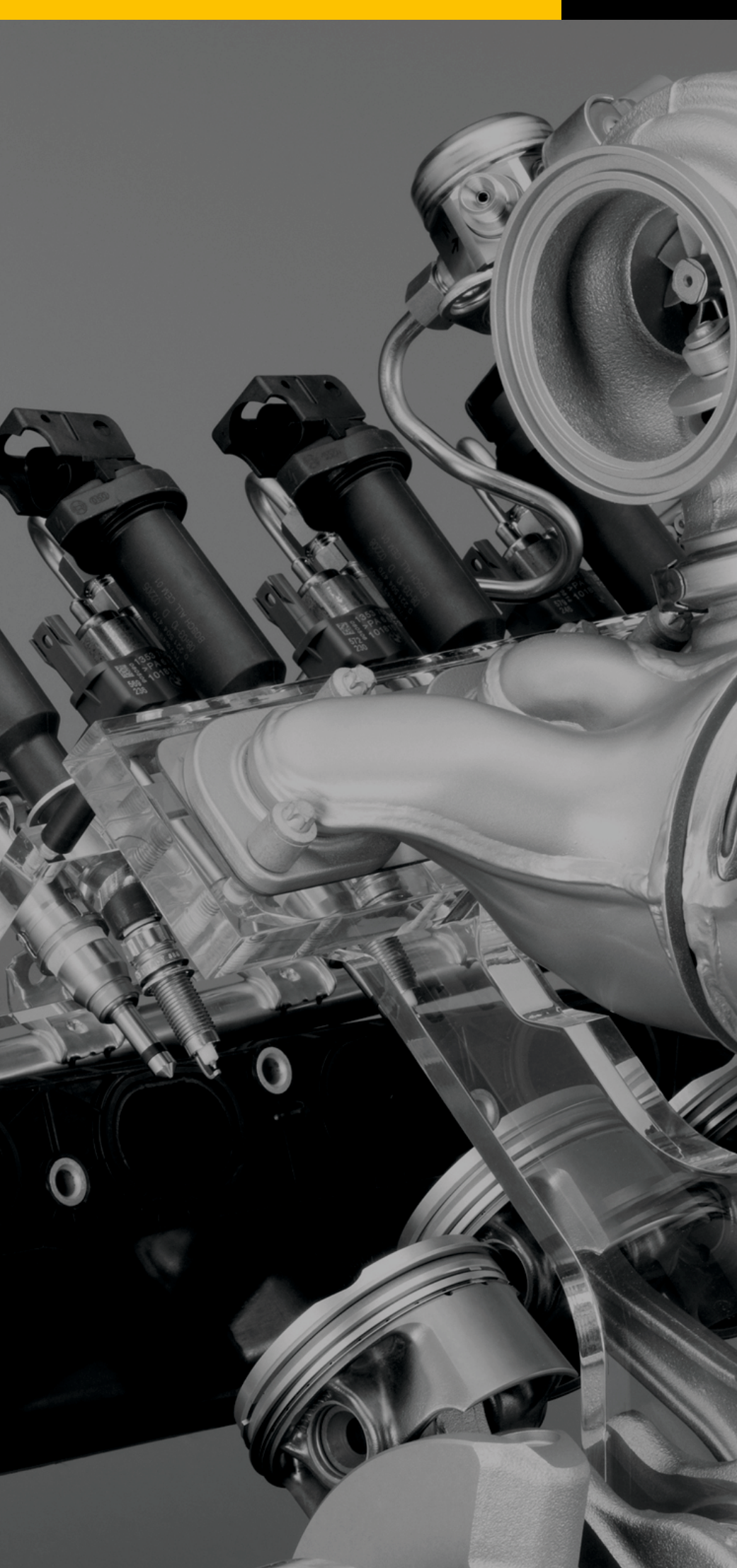
- Four Major Testing Functions: DC/AC voltage testing, DC/AC current testing, resistance testing, and diode testing.
- Multiple Circuit Data Display: Maximum voltage, minimum voltage, frequency, and duty cycle.
- Wide Applicability: Voltage testing range of 0-65V, capable of measuring various voltage level signals.
- Nine Language Settings: Chinese, English, Russian, German, Portuguese, French, Italian, Spanish, and Polish.
- Smart Overload Protection: Automatically activates protection function if current exceeds 16A during testing.
- Flashlight Function: Provides visibility in dark environments, ensuring successful circuit testing in various conditions.

BT260 ELECTRICAL CIRCUIT SYSTEM TESTER



- Four Testing Functions: DC/AC voltage testing, DC/AC current testing, resistance testing, and diode testing.
- Multiple Circuit Data Display: Maximum voltage, minimum voltage, frequency, and duty cycle.
- High Practicality: Voltage testing range of 0-65V, capable of measuring various voltage level signals.
- Nine Language Settings: Chinese, English, Russian, German, Portuguese, French, Italian, Spanish, and Polish.
- Smart Overload and Reverse Polarity Protection: Automatically activates protection function if current exceeds 8A during operation.
- Flashlight Function: Ensures visibility in dark environments, allowing for successful circuit testing in various conditions.
- 12-Meter Power Cable: Provides greater mobility and convenience for testing circuits.
- Space-Saving and Portable: Comes with a tool case for easy storage and organization of components.

	Voltage Testing Range	Operating Voltage	Resistance Testing Range	Display Screen	Power Cord Length	Main Unit Dimensions
BT210	9~30V	12V	/	1.2-inch Display Screen	1.1m	23x18x205mm
BT250	0~65V	12V/24V	0~200KΩ	1.7-inch Color Screen	1.5m	42x32x253mm
BT260	0~65V	12V/24V	0~200KΩ	1.7-inch Color Screen	12m	42x32x253mm



FUEL INJECTOR CLEANER & TESTER

The AUTOOL Fuel Injector Cleaner & Tester utilizes the latest ultrasonic cleaning and testing technology, supporting various types of fuel injectors such as GDI, EFI, and FSI. Whether it's forward or reverse cleaning or leak detection, the AUTOOL Fuel Injector Cleaner & Tester enhances your work efficiency and testing accuracy.

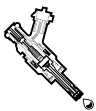


- Injector Specialist with 15 Specialized Functions: Includes three new testing functions (Pulse Injection Test, Wide Pulse Injection Test, Continuous Injection Test).
- Cleaning/Testing Combo: 110ML transparent glass cylinder, capable of cleaning and testing up to 6 injectors simultaneously.
- Compatible with Various Injectors: Supports 12V, 70V, and 120V voltage settings. It works with standard injectors and is also compatible with GDI, EFI, and FSI injectors.
- Condition Simulation Testing: Simulates various engine operating conditions to clearly observe the injector's atomization, fuel flow, and sealing condition.
- Smart Control Panel with High-Definition Color Display: Provides intuitive operation for adjusting working time, pulse width, and working pressure.
- Extended Large Capacity 2000ml Cleaning Tank: Suitable for cleaning injectors from most types of motorcycles and cars available on the market.
- Portable Drawer Design: Includes a portable drawer at the bottom for easy storage and management of various adapters.
- Comprehensive Configuration: Comes with 9 different sizes of adapter connectors and special connectors for BMW and Mercedes-Benz.



CT500

FUEL INJECTOR CLEANER & TESTER



15 Functions Available



Voltages Selection



Wide Compatibility



Large Cleaning Tank



Practical Drawer Design



Color Display Screen



CT500

Supported Injector Types	Engine Cylinder	Power Supply	Ultrasonic Cleaning Frequency	Analog Speed Range	Time Setting	PWM Pulse Width	Glass Tube Capacity	Main Unit Dimensions
GDI / EFI / FSI / Ordinary	6-Cylinder	AC110V or AC220V	40KHz	0-7500RPM	0-10min	0-40ms	110ml	380x405x460mm

CT150



- Fuel Injector Specialist with 12 Functions: Includes ultrasonic cleaning, idle-speed test, medium-speed test, high-speed test, acceleration test, variable speed test, leak testing, idle spray value test, medium-speed spray value test, high-speed spray value test, reverse flushing, and non-dismantle cleaning.
- Cleaning/Testing Combo: 110ml transparent glass cylinder for cleaning and testing up to 4 fuel injectors simultaneously.
- Operating Condition Simulation: Simulates various engine operating conditions to clearly assess fuel injector atomization, spray volume, and sealing condition.
- Smart Control Panel: Intuitive interface for adjusting operation time, pulse width, and working pressure.
- Large Capacity Cleaning Tank: 1000ml tank supports cleaning of fuel injectors for most motorcycles and cars on the market.
- Complete Accessories: Includes 3 different sizes of adapter fittings.

Supported Injector Types	Ordinary
Engine Cylinder	4-Cylinder
Glass Tube Capacity	110ml
Main Unit Dimensions	300x220x320mm

CT160



- Fuel Injector Specialist: 10 cleaning and testing functions: (Ultrasonic Cleaning, Idle Test, Medium Speed Test, High Speed Test, Acceleration Test, Speed Change Test, Leakage Test, Idle Fuel Injection Quantity Test, Medium Speed Fuel Injection Quantity Test, High Speed Fuel Injection Quantity Test).
- Cleaning/Testing Combo: 100ml transparent glass cylinder allows for simultaneous cleaning and testing of up to 4 fuel injectors.
- Cleaning Heating Function: Enhanced cleaning effect: Heating helps the cleaning solution dissolve carbon deposits and oil sludge more effectively, improving cleanliness.
- Operating Condition Simulation: 110/220V power input: Simulates various engine operating conditions to clearly assess fuel injector atomization, spray volume, and sealing condition.
- Smart Control Panel: High-definition digital display screen for intuitive operation to adjust working time, pulse width, and working pressure.
- Large Capacity Cleaning Tank: Wide vehicle applicability: Ultrasonic cleaning tank with a capacity of up to 2000ml supports cleaning of fuel injectors for most motorcycles and cars on the market.
- Complete Accessories: Includes 5 different sizes of adapter fittings.

Supported Injector Types	Ordinary
Engine Cylinder	4-Cylinder
Glass Tube Capacity	100ml
Main Unit Dimensions	292x260x273mm

CT200



- Comprehensive Upgrade for Fuel Injectors: 12 cleaning and testing functions including ultrasonic cleaning, idle-speed test, medium-speed test, high-speed test, acceleration test, variable speed test, leak testing, idle spray value test, medium-speed spray value test, high-speed spray value test, reverse flushing, and non-dismantle cleaning.
- Cleaning/Testing Combo: 110ml transparent glass cylinder allows for simultaneous cleaning and testing of up to 6 fuel injectors.
- Operating Condition Simulation: 110/220V power input: Simulates various engine operating conditions to clearly assess fuel injector atomization, spray volume, and sealing condition.
- Smart Control Panel: High-definition digital display screen for intuitive adjustment of working time, pulse width, and working pressure.
- Large Capacity Cleaning Tank: Wide vehicle applicability: Ultrasonic cleaning tank with a capacity of up to 1700ml supports cleaning of fuel injectors for most motorcycles and cars on the market.
- Complete Accessories: Includes 3 different sizes of adapter fittings.

Supported Injector Types	Ordinary
Engine Cylinder	6-Cylinder
Glass Tube Capacity	110ml
Main Unit Dimensions	303x325x325mm

CT400



- Fuel Injector Specialist with 12 Functions: Includes ultrasonic cleaning, idle-speed test, medium-speed test, high-speed test, acceleration test, variable speed test, leak testing, idle spray value test, medium-speed spray value test, high-speed spray value test, reverse flushing, and non-dismantle cleaning.
- Cleaning/Testing Combo: 110ML transparent glass cylinder, capable of cleaning and testing up to 6 injectors simultaneously.
- Compatible with Various Injectors: Supports 12V, 70V, and 120V voltage settings. It works with GDI, EFI, FSI injectors, and is also compatible with standard injectors.
- Condition Simulation Testing: Simulates various engine operating conditions to clearly observe the injector's atomization, fuel flow, and sealing condition.
- Smart Control Panel: Provides intuitive operation for adjusting working time, pulse width, and working pressure.
- Large Capacity 2000ml Cleaning Tank: Suitable for cleaning injectors from most types of motorcycles and cars available on the market.
- Portable Drawer Design: Includes a portable drawer at the bottom for easy storage and management of various adapters.
- Comprehensive Configuration: Comes with 9 different sizes of adapter connectors.

Supported Injector Types	GDI / EFI / FSI / Ordinary
Engine Cylinder	6-Cylinder
Glass Tube Capacity	110ml
Main Unit Dimensions	335x325x350mm



3D WHEEL ALIGNER

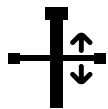
The AUTOOL 3D Wheel Alignment System utilizes cutting-edge 3D imaging technology and vehicle-centric measurement methods to provide real-time, highly precise wheel alignment data. This system offers superior accuracy and stability, streamlined by professional alignment techniques that ensure fast and easy operation. Unconstrained by lift platforms or spatial limitations, it is designed to fit various service environments, including tire shops, auto service centers, and dealerships. With a robust and constantly updated database, this system caters to a wide range of automotive alignment needs, offering enhanced flexibility and broader coverage in the automotive service industry.



- Intelligent tracking and lifting system: The camera automatically tracks and adjusts the alignment target for accurate positioning without requiring significant lifting.
- Features a high-definition camera with 5 million industrial pixels for clear images, speeding up measurements and improving data accuracy.
- Durable alignment target: Scratch-resistant, waterproof, and drop-resistant with strong anti-interference. Provides accurate feedback and is built to last.
- 19-Inch high-definition dual-display color screen: Features a wide field of view with the ability to show different content on each of the two screens simultaneously.
- Intelligent module design: Includes full voice guidance and LED prompts for easy and accurate measurement.
- Extensive vehicle model database: Covers 99% of vehicles on the market, with regular free updates to expand the database.
- Multi-language support: Offers multiple language settings to accommodate users from different regions and backgrounds.
- Portable integrated cabinet with universal wheels, making it easy to move and not limited by the location.
- Built-In Printer: Allows for immediate printing of test results after completion.



XC508 3D WHEEL ALIGNER



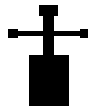
Automatically Tracking System



Printer Setup



Dual-screen Display



Movable Workstation



Voice-guided Measurement



Precision Alignment

XC508

Power Supply	Display	Resolution	Lighting Requirement	Lift Lane Height Difference	Wheel Rim Size Measurable
AC110V/220V	Dual 19" Color LCD Displays	1920x1080px	No direct exposure to strong infrared light	Front and Rear Difference <5mm	13"-23"

XC503 3D WHEEL ALIGNER (BASIC VERSION)

XC505 3D WHEEL ALIGNER (SINGLE DISPLAY WITH CABINET)

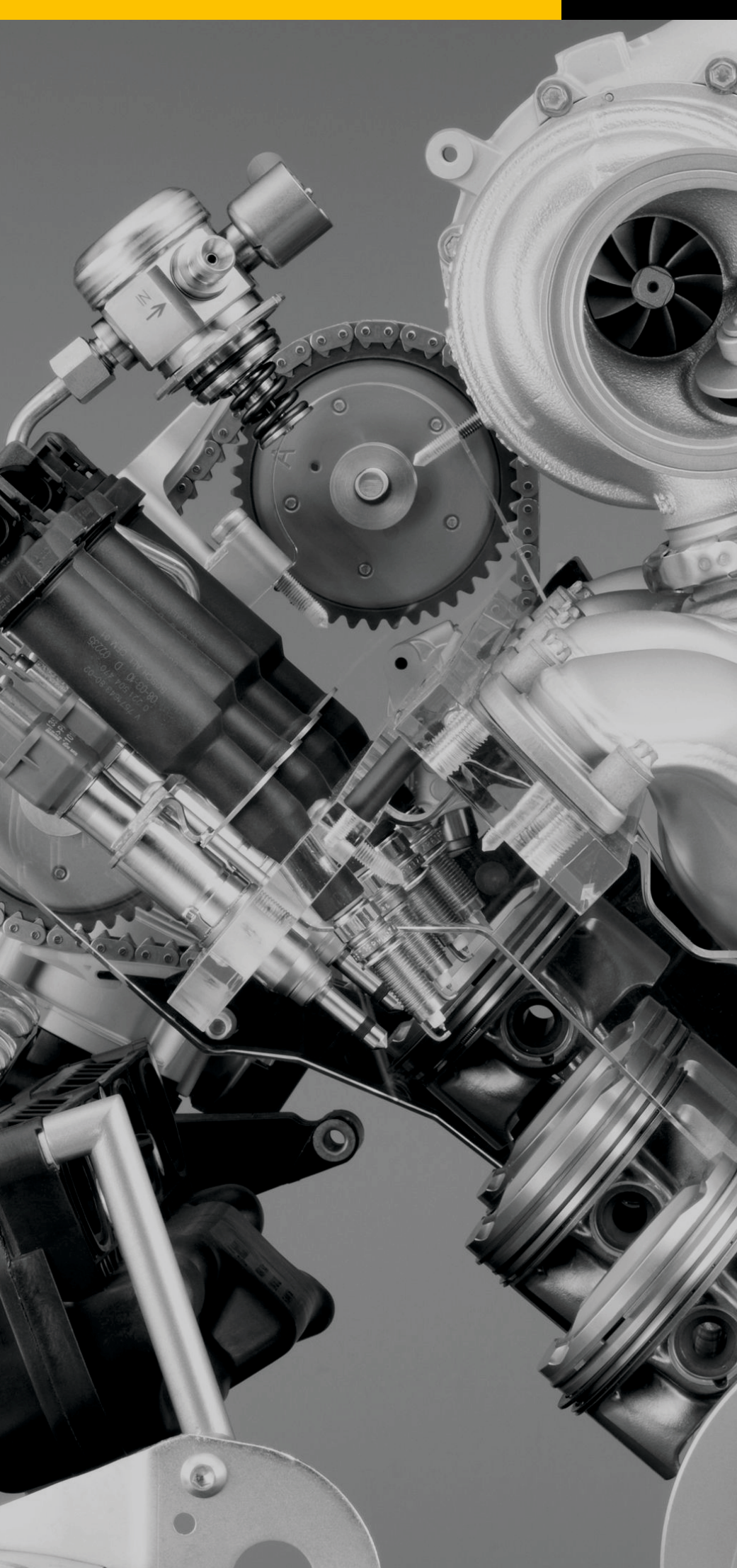


- 5-Megapixel Industrial-Grade Camera: High-definition imaging for faster measurement and more accurate data.
- Scratch-Resistant, Waterproof, and Shockproof Target: Provides strong interference resistance and precise signal feedback; durable and robust.
- 19-Inch Ultra-High-Definition Display: Clear images at any angle for precise data observation.
- Smart Module Design: Provides voice-guided instructions and LED prompts throughout the measurement process.
- Extensive Vehicle Database: Covers 99% of vehicles on the market, with regular free updates to expand the database.
- Multilingual Support: Offers various language settings to meet the needs of different regions and diverse user groups.

- 5-Megapixel Industrial-Grade Camera: Provides clear images for faster measurement and more precise data.
- Scratch-Resistant, Waterproof, and Shockproof Target: Offers strong interference resistance and accurate signal feedback; durable and robust.
- 19-Inch Ultra-High-Definition Display: Displays high-definition images clearly from any angle.
- Smart Module Design: Features voice-guided instructions and LED prompts throughout the measurement process.
- Extensive Vehicle Database: Covers 99% of vehicles on the market, with regular free updates to expand the database.
- Multilingual Support: Offers various language settings to meet the needs of different regions and diverse user groups.
- Portable integrated cabinet with universal wheels, making it easy to move and not limited by the location.

Measurement Technology	Precision	Precision Range	Maximum Test Range
Toe-in	±0.01°	±2°	±20°
Camber Angle	±0.01°	±2°	±20°
Caster Tilt	±0.02°	±15°	±20°
Negative Caster	±0.02°	±10°	±20°
Thrust Angle	±0.02°	±2°	±10°

	Power Supply	Display	Resolution	Cabinet	Lift Lane Height Difference	Wheel Rim Size Measurable
XC503	AC110V/220V	19" Color LCD Display	1920x1080px	Not included	Left-right difference <5mm	13"-23"
XC505	AC110V/220V	19" Color LCD Display	1920x1080px	Included	Left-right difference <5mm	13"-23"



SPARK PLUG TESTER

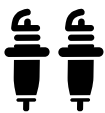
The AUTOOL Automotive Spark Plug Tester is used for quickly assessing the performance and condition of spark plugs. It generates a stable ignition voltage, allowing you to observe and compare the strength of spark plug parks, enabling fast determination of their condition.



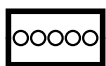
- Built-in Safety Guard with Transparent Cover: Prevents electric shock and damage during operation.
- Five-socket Design: Doubles the efficiency, allowing for spark plug comparison testing under various environmental conditions.
- Adjustable Socket Height: Compatible with longer spark plugs from brands like BMW, Volkswagen, and Audi.
- Supports 200-9000 RPM Simulation Range: Multiple gear adjustments to meet diverse testing requirements.
- Smart Digital Screen: Provides precise control and easy readability.



SPT360 SPARK PLUG TESTER



Comparative Testing



Five-socket Design



Simulate Engine Performance



Support RPM Adjustment



Digital Display



Safety Cover

SPT360

Input Voltage

AC110V/220V

Output Voltage

DC12V

Simulated RPM

200-9000 RPM

Sockets

5

Environmental Temperature

0°C-45°C

Main Unit Dimensions

200x118x118mm

SPT105 SPARK PLUG TESTER (2 - SOCKET)



- Built-in Safety Guard with Transparent Cover: Prevents electric shock and damage during operation.
- Dual-socket Spark Plug Design: Allows for spark plug comparison testing based on different environmental conditions.
- Engine Condition Simulation: Multiple gear adjustments to meet various testing needs.
- Adjustable Working Frequency: Range up to 0-6000 rpm, easy to use and ready to operate upon power-up.

Input Voltage	AC110V/220V
Output Voltage	DC 12V
Simulated RPM	0~6000 RPM
Sockets	2
Main Unit Dimensions	145x85x113mm

SPT301 SPARK PLUG TESTER (3 - SOCKET)



- Built-in Safety Guard with Transparent Cover: Prevents electric shock and damage during operation.
- Triple-socket Spark Plug Design: Adjustable socket height for spark plug comparison testing under different environmental conditions.
- Engine Condition Simulation: Multiple gear adjustments to meet various testing needs.
- HD Digital Screen: User-friendly and ready for use upon power-up.

Input Voltage	AC110V/220V
Output Voltage	DC 12V
Simulated RPM	200-9000 RPM
Sockets	3
Main Unit Dimensions	200x118x118mm



SMOKE LEAK DETECTOR

The AUTOTOL Automotive Smoke Leak Detector is primarily used to inspect the tightness of various parts of a car, providing visual identification of any leakage issues. It features a newly designed intelligent pressure control and temperature protection system, ensuring a sustained output of larger and more uniform smoke. This saves users time and improves efficiency, serving as a helpful tool and reliable assistant for quickly and accurately determining whether faults are caused by pipe leaks in vehicle pipeline systems.



- Two Testing Modes: Air Mode / Smoke Mode, catering to different pipeline system needs.
- Rapid Pipeline Leak Detection: Supports testing the airtightness of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, crankcase systems, and engines.
- Overheat Protection: Prevents dry burning with an alarm indicator light. Automatically stops operation if the temperature exceeds 75°C.
- Power Source: Operates on DC12V power with two built-in air pumps to suit various working conditions.
- Large Smoke Output Volume: Generates smoke within 5 seconds; working pressure can exceed 1 bar, with a smoke flow rate ≤ 6 L/min. Can produce a large amount of smoke within 30 seconds to locate leaks.
- Oil Level Gauge Window: Allows real-time monitoring of the current oil level, making it easy for operators to refill as needed.
- Smoke Flow Meter Window: Allows adjustment of the smoke flow rate through a rotary knob.
- Oil Drain Valve: Recovers residual smoke oil after use, promoting environmental friendliness and enabling reuse of test oil.
- Visual Pressure Gauge: Monitors the pressure state of the pipeline system through the gauge to detect potential leaks.
- Wide Application Range: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.



SDT206

SMOKE LEAK DETECTOR

EVAP

EVAP System Test



Various Pipe Fittings Test



Turbo System Test



Crankcase System Test



Intake System Test



Exhaust System Test



SDT206

Power Supply

DC12V/5A

Rated Power

70W

Air Pressure Output

Built-in air pump

Output Flow Rate

<6L/min

Output Pressure

<18psi

Gross Weight/
Net Weight

4.85kg/3.5kg

Main Unit Size

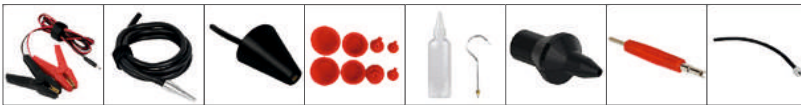
270x150x150mm

SDT106



- Rapid Pipeline Leak Detection: Supports testing the airtightness of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, and engines.
- Intelligent Safety Features: Over-temperature protection; automatically stops working if the temperature exceeds 75°C.
- Large Smoke Output Volume: Produces smoke within 5 seconds; working air pressure up to <1 bar, with a smoke flow rate ≤ 5 L/min. Can generate a large amount of smoke within 30 seconds to identify leak points.
- Power Source: Operates on DC12V power with two built-in air pumps to accommodate different working scenarios.
- Wide Vehicle Compatibility: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.
- User-Friendly Operation: Simple and intuitive, making it more suitable for beginners.

Power Supply	DC12V/5A
Rated Power	50W
Output Flow Rate	<5L/min
Output Pressure	<12psi
Main Unit Size	210x135x110mm



SDT202



- Rapid Pipeline Leak Detection: Supports testing the airtightness of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, and engines.
- Intelligent Overheat Protection: Automatically stops operation if the temperature exceeds 75°C to prevent overheating.
- Power Source: Operates on DC12V power with two built-in air pumps to suit various working conditions.
- Large Smoke Output Volume: Generates smoke within 5 seconds; working pressure can reach <1 bar, with a smoke flow rate ≤ 5 L/min. Can produce a large amount of smoke within 30 seconds to locate leaks.
- Visual Pressure Gauge: Allows for intuitive monitoring of pipeline system pressure, helping to identify potential leaks.
- Wide Application Range: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.

Power Supply	DC12V/5A
Rated Power	50W
Output Flow Rate	<5L/min
Output Pressure	<12psi
Main Unit Size	210x135x110mm



SDT203



- Rapid Pipeline Leak Detection: Supports testing the airtightness of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, and engines.
- Intelligent Overheat Protection: Automatically stops operation if the temperature exceeds 75°C to prevent overheating.
- Power Source: Operates on DC12V power with two built-in air pumps to suit different working conditions.
- Large Smoke Output Volume: Generates smoke within 5 seconds; working pressure can exceed 1 bar, with a smoke flow rate ≤ 6 L/min. Can produce a large amount of smoke within 30 seconds to locate leaks.
- Visual Pressure Gauge: Allows for observing the pipeline system's pressure state through the gauge, helping to identify potential leaks.
- Smoke Flow Meter Window: Features a rotary knob to control the smoke flow rate in the pipeline system.
- Wide Application Range: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.
- Comprehensive Upgrade: Compact and convenient, with a lightweight body of only 1.7 kg.

Power Supply	DC12V/5A
Rated Power	65W
Output Flow Rate	<6L/min
Output Pressure	<15psi
Main Unit Size	190x130x85mm



SDT205



- Two Testing Modes: Air Mode / Smoke Mode.
- Rapid Pipeline Leak Detection: Supports testing the airtightness of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, and engines.
- Overheat Protection: Prevents dry burning with an alarm indicator light. Automatically stops operation if the temperature exceeds 75°C.
- Power Source: Operates on DC12V power with two built-in air pumps to suit different working conditions.
- Large Smoke Output Volume: Generates smoke within 5 seconds; working pressure can exceed 1 bar, with a smoke flow rate ≤ 6 L/min. Can produce a large amount of smoke within 30 seconds to locate leaks.
- Oil Drain Valve: Allows for recovery of residual smoke oil after use, promoting environmental friendliness and enabling reuse of test oil.
- Visual Pressure Gauge: Observes the pressure state of the pipeline system through the gauge, helping to identify potential leaks.
- Wide Application Range: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.

Power Supply	DC12V/5A
Rated Power	65W
Output Flow Rate	<6L/min
Output Pressure	<15psi
Main Unit Size	250x160x165mm



SDT205S



- Two Testing Modes: Air Mode / Smoke Mode.
- Rapid Pipeline Leak Detection: Supports testing the airtightness of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, and engines.
- Overheat Protection: Prevents dry burning with an alarm indicator light. Automatically stops operation if the temperature exceeds 75°C.
- Power Source: Operates on DC12V power with two built-in air pumps to suit different working conditions.
- Large Smoke Output Volume: Generates smoke within 5 seconds; working pressure can exceed 1 bar, with a smoke flow rate ≤ 6 L/min. Can produce a large amount of smoke within 30 seconds to locate leaks.
- Smoke Flow Meter Window: Allows adjustment of smoke flow rate through a rotary knob.
- Oil Drain Valve: Allows for recovery of residual smoke oil after use, promoting environmental friendliness and enabling reuse of test oil.
- Visual Pressure Gauge: Monitors the pressure state of the pipeline system through the gauge to detect potential leaks.
- Wide Application Range: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.

Power Supply	DC12V/5A
Rated Power	65W
Output Flow Rate	<6L/min
Output Pressure	<15psi
Main Unit Size	250x160x165mm

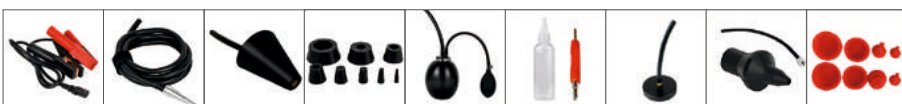


SDT208



- Dual Pressure Holding Function: Two testing modes High Pressure Mode (35 psi) / Low Pressure Mode (10 psi), and Air Mode / Smoke Mode, to meet different working pressure requirements.
- Rapid Pipeline Leak Detection: Supports testing the airtightness of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, crankcase systems, and engines.
- Overheat Protection: Prevents dry burning with an alarm indicator light. Automatically stops operation if the temperature exceeds 75°C.
- Power Source: Operates on DC12V power with two sets of high and low-pressure pumps, eliminating the need for external air sources.
- Powerful Functionality: Generates smoke within 5 seconds; working pressure can reach 2.4 bar, with a smoke flow rate ≤ 15 L/min. Capable of producing a large amount of smoke within 30 seconds.
- Oil Level Gauge Window: Allows real-time monitoring of the current oil level, facilitating timely refilling by the operator.
- Smoke Flow Meter Window: Allows adjustment of the smoke flow rate through a rotary knob.
- Oil Drain Valve: Recovers residual smoke oil after use, promoting environmental friendliness and enabling reuse of test oil.
- Visual Pressure Gauge: Monitors the pressure state of the pipeline system through the gauge to detect potential leaks.
- Wide Application Range: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.

Power Supply	DC12V/24V
Rated Power	80W
Output Flow Rate	<15L/min
Output Pressure	<10/35psi
Main Unit Size	280x210x180mm



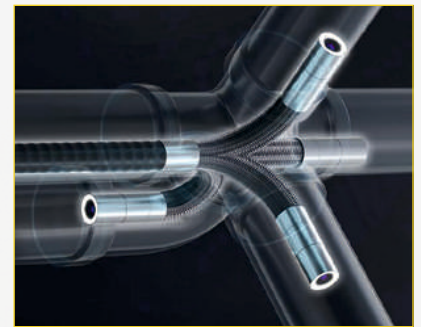


SMART ARTICULATING BORESCOPE

The AUTOOL Smart Articulating Borescope series breaks through the technical limitations of traditional industrial borescopes by introducing the functionality to control the bending of the lens arbitrarily, supporting 360° articulating in four directions. The handheld integrated body allows single-handed operation control, while the high-definition camera effortlessly captures faults and flaws in narrow and hidden spaces. The inspection results are directly presented on a high-definition display screen or mobile devices such as smartphones.

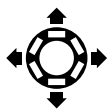


- Four-Directional 360° Steering Lens: Provides comprehensive, corner-to-corner detection for various environments.
- 4.3-Inch HD Display Screen: Supports image zooming in and out for clearer detail viewing.
- 1080P HD Blue Light Camera: Allows rapid focus and recording with a single button.
- High-Temperature Resistant Probe: Features intelligent over-temperature protection with automatic alarm at over 90°C.
- Built-in 32GB Memory Card: Can store a large number of photos and videos.
- Equipped with 6 High-Intensity LED Lights: Adjustable brightness settings in three levels.
- Removable Battery Compartment Cover: Includes a 2600mAh lithium battery for extended battery life.
- Base with Strong Magnetic Mounting Design: Makes work and storage easy.
- Handheld Detachable Snake Tube Design: Facilitates quick and easy accessory changes.



SVB308

FOUR-WAY ARTICULATING BORESCOPE



360° Lens Rotation



One-click Photo & Video



High-temp Auto-off

HD

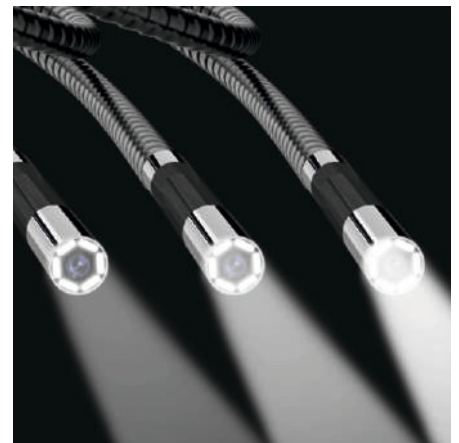
1080p HD Camera



Screen Separation Design



IP67 Waterproof



SVB308

Input Power	Camera Diameter	Articulation Direction	Articulation Angle	Resolution	Battery Capacity	Viewing Angle	Snake Tube Length	Main Unit Dimensions
DC 5V/1A	6.2mm	Four directions	360°	1280x760px	2600mAh	90°	1 meter	308x128x123mm

SVB302

ARTICULATING VIDEO BORESCOPE



- Bidirectional 210° Steering Lens: Provides a wide field of view for precise detection of pipeline issues.
- High-Temperature Resistant Probe: Features intelligent over-temperature protection with automatic power-off alarm at over 90°C.
- 1080P HD Blue Light Camera: Enables rapid focus and recording with a single button.
- Equipped with 6 High-Intensity LED Lights: Adjustable brightness settings in three levels.
- International IP67 Waterproof and Oilproof Lens: Durable, stable, and resistant to damage.
- High Compatibility: Supports smartphones or tablets with iOS, Android, and HarmonyOS systems.

SVB303

FOUR-WAY ARTICULATING BORESCOPE



- Four-Directional 360° Steering Lens: Provides comprehensive, corner-to-corner detection for various environments.
- High-Temperature Resistant Probe Design: Features intelligent over-temperature protection with automatic power-off alarm at over 90°C.
- 1080P HD Blue Light Camera: Allows rapid focus and recording with a single button.
- Equipped with 6 High-Intensity LED Lights: Adjustable brightness settings in three levels.
- Removable Battery Compartment Cover: Includes a 2600mAh lithium battery for extended battery life.
- Base with Strong Magnetic Mounting Design: Makes work and storage easy.
- Handheld Detachable Snake Tube Design: Facilitates quick and easy accessory changes.
- High Compatibility: Supports smartphones or tablets with iOS, Android, and HarmonyOS systems.

SVB305

ARTICULATING VIDEO BORESCOPE



- 4.3-Inch HD Display Screen: Supports image zooming in and out for clearer detail viewing.
- Bidirectional 210° Steering Lens: Offers a wide field of view for precise detection of pipeline issues.
- High-Temperature Resistant Probe: Features intelligent over-temperature protection with automatic alarm at over 90°C.
- Built-in 32GB Memory Card: Can store a large number of photos and videos.
- Removable Battery Compartment Cover: Includes a 2000mAh lithium battery for extended battery life.
- 1080P HD Blue Light Camera: Provides rapid focus and recording with a single button.
- International IP67 Waterproof and Oilproof Lens: Durable, stable, and resistant to damage.
- Equipped with 6 High-Intensity LED Lights: Adjustable brightness settings in three levels.

	Power Input	Camera Diameter	Direction of Rotation	Rotation Angle	Resolution	Battery Capacity	Field of View	Snake Tube Length	Main Unit Dimensions
SVB302	DC 5V/1A	6.35mm	Two-way	Up to 210°	1920x1080px	2000mAh	70°	1m	334x50x48mm
SVB303	DC 5V/1A	6.2mm	Four-way	360°	1920x1080px	2600mAh	90°	1m	298x57x123mm
SVB305	DC 5V/1A	6.35mm	Two-way	Up to 210°	1920x1080px	2000mAh	70°	1m	330x132x52mm



MAINTENANCE ENVIRONMENTAL MONITORING SERIES

The AUTOOL environmental detection series conducts measurements from multiple dimensions such as temperature and humidity, volume, light, wind speed, etc. It can be applied to measure the temperature and humidity inside the car, the sound insulation effect of car windows, and the lighting effect of car lights. In addition to being used in the automotive field, this series is also suitable for various scenarios such as indoor environments, offices, warehouses, greenhouses, laboratories, etc.



TM101 THERMO-HYGROMETER

- High-Precision Probe: Highly responsive with 0.5-second response time and an error margin of only 0.0001.
- Temperature and Humidity Measurement: Fast and accurate measurement of wet bulb temperature, dew point temperature, or humidity.
- Max/Min Value Measurement: Displays the maximum and minimum values of current environmental temperature and humidity.
- Temperature Unit Switch: Allows switching between Celsius (°C) and Fahrenheit (°F) to meet different user needs.
- High-Definition Backlit Display: Clear data visibility in various environments, including dark settings.
- One-click Data Lock: Locks in the current value to prevent changes and ensure data accuracy.
- Versatile Applications: Suitable for various settings, including repair workshops, indoor home environments, storage warehouses, industrial production, and medical and health scenarios.

TN201 DIGITAL SOUND LEVEL METER

- Professional Noise Meter: Features a capacitive microphone for more accurate noise measurement.
- Windshield Design: Prevents interference from wind noise when used outdoors.
- Max/Min Value Measurement: Displays the maximum and minimum values of current environmental noise.
- Real-Time Measurement: Quick response with support for FAST (125ms) and SLOW (1s) modes.
- High-Definition LCD Backlit Display: Clear visibility of data in various environments, including dark settings.
- One-click Data Lock: Locks in the current value to prevent changes and ensure data accuracy.
- Versatile Applications: Suitable for various settings, including automotive environments, industrial environments, construction sites, and social activity locations.

TE301 DIGITAL LIGHT METER

- High-Precision Light Sensor Probe: Sensitive response with ultra-strong light detection, capable of measuring low light levels.
- Wide Measurement Range: Supports switching between Lux (LUX) and Foot-Candle (FC) units.
- Backlit Dual Display: Clear data visibility in various environments, including dark settings.
- One-click Data Lock: Locks in the current value to prevent changes and ensure data accuracy.
- Versatile Applications: Suitable for evaluating and monitoring various lighting environments, helping users adjust lighting equipment to improve quality and effectiveness (e.g., work environment lighting, outdoor lighting planning, plant growth lighting, street safety lighting).

TR401 DIGITAL ANEMOMETER

- Multiple Measurement Data: Simultaneously displays wind speed, temperature, and humidity for comprehensive environmental analysis.
- Multiple Unit Switch: Supports switching among five units (m/s, km/h, knots, mph) as needed.
- Backlit Dual Display: Clear visibility in various environments, including dark settings.
- One-click Data Lock: Locks in the current value to prevent changes and ensure data accuracy.
- Versatile Applications: Suitable for environmental monitoring, aerospace, agriculture and forestry, wind farms, construction projects, and other scenarios.

TG501 COATING THICKNESS GAUGE

- High-Precision Sapphire Probe: Responsive with a 0.5-second reaction time and an accuracy of 0.0001.
- High-Resolution Backlit Display: Features automatic rotation to adjust the display data or content based on the handheld orientation.
- Iron and Aluminum Compatibility: Automatically identifies the type of substrate for more accurate and reliable results.
- Multiple Unit Switching: Supports units of um/mils/mm to meet various user needs.
- Calibration Function: Includes different calibration metal substrates and thickness plates for user convenience in calibration.
- Automatic Data Storage: Can store up to 80 measurement data sets.
- Versatile Applications: Suitable for industrial production, quality inspection, construction monitoring, aircraft maintenance, metal processing, and other scenarios.

	Measurement Range	Resolution	Accuracy	Units	Operating Temperature	Sampling Rate	Protection Level
TM101	-20~60°C, 0~100%RH	0.1°C, 0.1%RH	±0.3°C, ±3%RH	°C, °F, %RH	-20~60°C	1 time/second	IP40
TN201	30~130dB	0.1dB	±0.1dB	dB	0~40°C	1 time/second, 8 times/second	IP40
TE301	0~200000Lux, 0~20000Fc	1Lux	±3%rdg±10dpts	Lux, Fc	-10~50°C	2 times/second	IP40
TR401	0~30m/s	0.1m/s	±(5%rdg+0.5)	m/s, mph, km/h, ft/min	-10~45°C	2 times/second	IP40
TG501	0~2000µm	0.1µm(0~100µm), 1µm(>100µm)	±(3%+1µm)	µm, mm, mil	-10~50°C	2 times/second	IP40

ND100 AIR QUALITY MONITOR



- Versatile and Comprehensive Functionality: Five major detection functions (formaldehydedetection, TVOC detection, air quality detection, CO2 detection, environmental temperature detection).
- Quality Assurance, Safe and Reliable: Dual CE/ RoHS certification for enhanced professionalism, precision, and speed.
- Efficient Diagnosis, 0.5-Second Response: High-precision, sensitive probe with smart chip for rapid results, with an error margin of only 0.0001.
- Professional Instrument, Widely Applicable: 360° all-around detection for various environments, meeting various daily needs.
- Clear Interface, Easy to Read: High-definition 2.8-inch TFT backlit display for use in dark environments.
- Multiple Units, Easy Switching: Switch between Celsius (°C) and Fahrenheit (°F) modes as needed for different countries and regions.
- Compact and Portable: Real-time air quality monitoring to safeguard every breath you take.

Operating Temperature	0-80°C	
Carbon Dioxide Measurement Range	400-5000PPM	
Formaldehyde Measurement Range	0.000-2.0mg/m ³	
TVOC Measurement Range	0.000-5.0mg/m ³	
Power Supply	4 AAA Batteries / Type-C 5V/1A	
TVOC Pollution Level	≤0.2mg/m ³	Good
	≤0.6mg/m ³	Mild Pollution
	>0.6mg/m ³	Severe Pollution
Formaldehyde Pollution Level	≤0.1 mg/m ³	Good
	≤0.6 mg/m ³	Mild Pollution
	>0.6 mg/m ³	Severe Pollution
Carbon Dioxide Pollution Level	≤450PPM	Good
	≤1000PPM	Mild Pollution
	>1000PPM	Severe Pollution
Operating Environment	Temperature: -10-45°C	
	Relative Humidity: ≤95% [45°C]	

ND200 ELECTROMAGNETIC FIELD DETECTOR



- Versatile and Comprehensive Functionality: Three major detection functions (Electric Field Radiation EF (V/m), Magnetic Field Radiation MF (mG), Radio Frequency Radiation RF (mW/m²).
- Efficient Diagnosis, 0.5-Second Response: High-precision, sensitive probe with smart chip for rapid results, with an error margin of only 0.0001.
- Quality Assurance, Safe and Reliable: Dual CE/ RoHS certification for enhanced professionalism, precision, and speed.
- Alarm Function, Widely Applicable: Automatic alarm for exceeding thresholds, suitable for various environments for electromagnetic radiation detection.
- Smart Digital Display, Clear Interface: High-definition 2.8-inch TFT backlit color screen for use in dark environments.
- Multiple Units, Easy Switching: Easily switch between Celsius (°C) and Fahrenheit (°F) modes for use in different countries and regions.
- Compact and Portable: Real-time electromagnetic radiation monitoring to protect health and avoid radiation.

Operating Temperature	0-80°C	
Electric Field Measurement Range	1V/m-1999V/m	
Magnetic Field Measurement Range	0.01uT-99.99uT	
Power Supply	4 AAA Batteries / Type-C 5V/1A	
Operating Environment	Temperature: -10-45°C	
	Relative Humidity: ≤95% [45°C]	

ND300 NUCLEAR RADIATION DETECTOR



- Fast and Accurate: 0.5-second response with high-precision, sensitive probe and smart chip, with an error margin of only 0.0001.
- Wide Applicability: Supports detection of all types of internal vehicle radiation on the market.
- Versatile Applications: Suitable for detecting nuclear contamination, radioactive waste water, industrial nuclear radiation, medical nuclear radiation, seafood radiation, Japanese snacks, X/Y radiation, and radiation in marble and other stones.
- Smart Detection: Triple alarm system with automatic over-limit warning; supports sound, flashing, and vibration alerts.
- Quality Assurance, Safe and Reliable: Dual CE/RoHS certification for enhanced professionalism, precision, and speed.
- Smart Digital Display, Curve Mode: Supports both digital and curve display modes, with clear and easy-to-read data.
- Backlit Screen, No Fear of Darkness: High-definition 2.8-inch TFT backlit color screen to meet various environmental needs.

Radiation Detection	Gamma(Y), X-rays	
Detector	Energy-compensated GM tube(Geiger counter)	
Measuring Range	Dose equivalent rate: 0.01-999.99uSv/h	
	Cumulative dose equivalent: 0.01uSv-500.0mSv	
Relative Inherent Error	≤±15% (137CS 1mSv/h)	
Sensitivity	80CPM/uSv/h (for Co-60)	
Dose Units	uSv/h, uGy/h, mR/h, CPS, CPM	
Operating Environment	Temperature: -10-45°C	
	Relative Humidity: ≤95% [45°C]	
Power Supply	4 AAA Batteries	



SMART DIGITAL MANIFOLD KIT

The AUTOOL automotive smart digital manifold gauge features a unique integrated appearance, multi-function operation panel, and innovative and advanced detection technology, providing users with a brand-new experience. This series of products offers comprehensive features including pressure testing, digital readouts, multi-unit switching, diverse operational modes, and a comprehensive refrigerant parameter database. It serves as an indispensable auxiliary tool for the installation, diagnostics, and maintenance of automotive air conditioning systems and other refrigeration equipment, embodying excellence in automotive servicing instrumentation.



- Versatile Use: Three modes available refrigeration testing, leak detection, and vacuum pumping easily switch between them.
- High Precision Sensor: Includes temperature compensation with a measurement range from 0 bar to 60 bar, real-time temperature display.
- Built-in data for 95 types of refrigerants, suitable for 99% of automotive refrigerant systems on the market.
- Smart Control System: Digital display for results, simplifying complex processes for intuitive and easy use.
- Durable and Reliable: Made with engineering silicone and aluminum alloy valve body, resistant to corrosion and wear.
- Backlight Screen: High-definition 2.8-inch LCD backlit display, allowing operation in dark environments and meeting various needs.
- Time-Saving Design: Features include a folding hook, side handles, high/low pressure valves, and a refrigerant observation window.
- Multiple Units: Easily switch between two temperature units (Celsius °C/Fahrenheit °F), three vacuum units (hPa, mbar, Torr,), and five pressure units (bar, kg/cm², psi, kPa, MPa).



LM160

SMART DIGITAL MANIFOLD KIT



Evacuation Mode



Refrigerant Mode



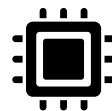
Pressure Leak Test



Various Units Available



Built-in 95 Refrigerant Types



Program Control System



LM160

Operating Voltage	Pressure Units	Temperature Units	Vacuum Units	Pressure Range	Temperature Range	Vacuum Range	Overload Capacity
6V (4 AA batteries)	psi, kPa, MPa, bar, kg/cm ²	°C, °F	hPa, mbar, Torr	0-870psi	-55°C-125°C -67°F-257°F	-14.7psi-0psi, -1-0bar	942.5psi, 65bar, 6.5Mpa

LM55 DIGITAL TEMP CLAMP



- High-Precision Sensor: Responsive and accurate with an error margin of $\pm 0.3^{\circ}\text{C}$.
- Smart Digital Display: Temperature measurement range of -50 to 150°C , with real-time display of the current temperature value.
- Waveform Function Mode: Simultaneously displays temperature /time curves.
- Data Storage Function: Supports storing 8 waveform data sets, with data collected every second for up to 150 seconds, and historical data viewing.
- HD Backlight TFT Color Screen: Brightness adjustable from 0% to 100%, catering to different working environment needs.

Operating Voltage	4.5V (3 AAA batteries)
Operating Current	<30mA
Temperature Units	$^{\circ}\text{C}$, $^{\circ}\text{F}$
Standby Power Consumption	<500uA
Screen Specifications	0.96-inch LCD backlit screen
Applicable diameter	<40mm
Product dimensions	180x100x35mm

LM100 SMART DIGITAL VACUUM GAUGE



- Versatile Use: Two modes for flexible operation, easily switch between leak detection and vacuum pump functions.
- Data Sharing: Highly compatible, supports data transmission when connected with the LM130.
- Durable and Reliable: Constructed with engineering silicone and titanium alloy valve body, offering resistance to corrosion and wear.
- Responsive and Accurate: Measurement range of 0-2 bar with a high-precision chip for real-time temperature display.
- Backlight Screen: High-definition 3-inch LCD backlit display, allowing operation and data visibility in dark environments.
- Multiple Units Switching: Easily switch between three temperature units (Celsius $^{\circ}\text{C}$ / Fahrenheit $^{\circ}\text{F}$ / Kelvin K) and four vacuum units (hPa, mbar, Torr, inHg).

Operating Voltage	6V (4 AAA batteries)
Temperature Units	$^{\circ}\text{C}$, $^{\circ}\text{F}$, K
Vacuum Units	hPa, mbar, Torr, inHg
Vacuum Range	0-2000mbar, 0-1500Torr
Vacuum Resolution	0.1Micron, 0.1Torr, 0.1mbar
Temperature Range	-55°C - 125°C (-67°F - 257°F)
Vacuum Accuracy	$\pm 0.2\%$ of full range

LM130 SMART DIGITAL MANIFOLD KIT



- Versatile Use: Three modes available, easily switch between refrigeration testing, leak detection, and vacuum pumping.
- Highly Compatible Data Sharing: Supporting data transmission when connected with the LM100.
- Durable and Reliable: Made with engineering silicone and titanium alloy valve body, resistant to corrosion and wear.
- Smart Display: Accurate measurement with a range of 0-60 bar, high-precision chip for real-time temperature display.
- Backlight Screen: HD 3-inch LCD backlit display, allowing operation and data visibility in dark environments.
- Built-in data for 7 types of refrigerants, suitable for 99% of automotive refrigerant systems on the market.
- Multiple Units: Easily switch between two vacuum units (Torr, mbar) and three pressure units (psi, Bar, MPa).

Operating Voltage	6V (4 AAA batteries)
Pressure Units	psi, MPa, bar
Vacuum Units	Torr, mbar
Pressure Range	0-870psi
Vacuum Range	-14.7psi-0psi, -1-0bar
Pressure Resolution	0.1psi, 0.01bar, 0.005Mpa
Vacuum Resolution	1Micron, 1Torr, 1mbar
Overload Capacity	942.5psi, 65bar, 6.5Mpa

LM180 SMART DIGITAL MANIFOLD KIT



- Versatile Functionality: Five modes available refrigeration testing, leak detection, vacuum pumping, compressor testing, and temperature difference mode easily switch between them.
- High Precision Sensor: Includes temperature compensation with a measurement range from 0 bar to 60 bar, real-time temperature display.
- Built-in data for 92 types of refrigerants, suitable for 99% of automotive refrigerant systems on the market.
- Bluetooth Wireless Connection: Real-time data monitoring on your smartphone.
- Smart Control System: Digital display for results, simplifying complex processes for intuitive and easy use.
- Durable and Reliable: Made with engineering silicone and titanium alloy valve body, resistant to corrosion and wear.
- Clear Interface: High-definition 4-inch LCD backlit display, allowing operation in dark environments and meeting various needs.
- Time-Saving Design: Features include a folding hook, side handles, high/low pressure valves, and a refrigerant observation window.
- Multiple Units: Easily switch between three vacuum units (hPa, mbar, Torr) and five pressure units (bar, kg/cm², psi, kPa, MPa).

Operating Voltage	7.5V (5 AA batteries)
Pressure Units	psi, kPa, MPa, bar, kg/cm ²
Vacuum Units	hPa, mbar, Torr
Pressure Range	0-870psi
Vacuum Range	-14.7psi-0psi, -1-0bar
Pressure Resolution	0.1psi, 0.01bar, 0.005Mpa
Vacuum Resolution	1Micron, 1Torr, 1mbar
Overload Capacity	942.5psi, 65bar, 6.5Mpa

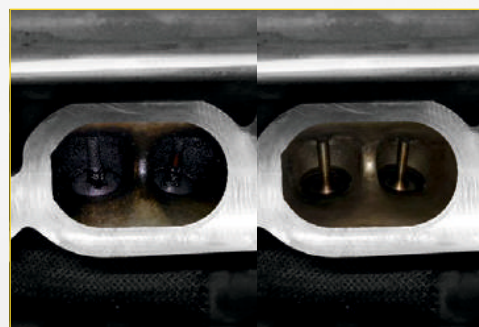


WALNUT SAND DE-CARBON CLEANER

The AUTOOL Walnut Sand Carbon Cleaning Machine utilizes walnut abrasive cleaning technology, which is safe, environmentally friendly, and highly effective for cleaning carbon deposits in automotive engine intake and exhaust systems. The principle of operation involves spraying walnut abrasive into the engine's intake manifold using high-pressure airflow. The high-pressure, high-speed walnut abrasive particles tumble and impact within the enclosed intake manifold, dislodging carbon deposits from the intake valves and cylinder. The walnut abrasive and carbon deposit mixture is then recovered through a specialized connector. By repeating this process, the accumulated carbon on the intake valves and intake pipes is brushed away. The entire carbon cleaning process is carried out without dismantling the main engine components, making it quick, efficient, safe, and reliable.



- Walnut abrasive cleaning technology: Efficiently removes carbon deposits from vehicle intake manifolds and valves.
- Large 10L Main Tank: Features a visual pressure gauge and connects to an external air compressor, allowing for pressure and flow adjustments during pipeline cleaning to improve efficiency.
- 1600W High Power: Supports 110/220V power supply, with strong suction for more thorough carbon removal, suitable for Europe, America, and Asia.
- Safe and Non-harmful Physical Cleaning: Uses walnut shells as abrasives, free from harmful chemicals, with excellent corrosiveness and cleaning ability to effectively remove various contaminants, rust, and old coatings from metal surfaces.
- Built-in filter: Captures used walnut abrasive for recycling, making it environmentally friendly and cost-effective.
- Wide Applicability and Complete Specifications: Comes with multiple connectors, supporting cleaning for most of vehicle sizes on the market.
- Portable Integrated Design: Equipped external 360° rotating reinforced casters for easy mobility during different operations.



HTS728

WALNUT SAND DE-CARBON CLEANER



Deep Removal Of Carbon Deposit



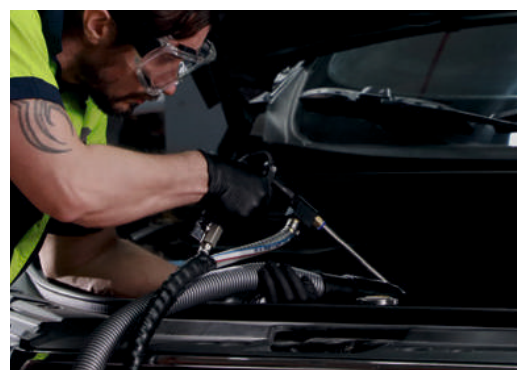
External Air Source



Built-in Dust Filter



Integrated Design



HTS728

Rated Power	Vacuum Suction	Rated Voltage	Air Flow Rate	Rated Frequency	Machine Capacity	Product Weight
1600W	0.02MPa	AC 110V/220V	< 300L/min	50/60HZ	10L	25KG

HTS559

HTS518

HTS678



- Walnut abraasive cleaning technology: Efficiently removes carbon deposits from vehicle intake manifolds and valves.
- Large 30L main tank: Connects to an external air compressor, allowing pressure and flow adjustments for pipeline cleaning to improve efficiency.
- 1400W high power: Supports 110/220V power supply, with strong suction for thorough carbon removal, suitable for Europe, America, and Asia.
- Safe and Non-harmful Physical Cleaning: Uses walnut shells as abrasives, free from harmful chemicals, with excellent corrosiveness and cleaning ability to effectively remove various contaminants, rust, and old coatings from metal surfaces.
- Built-in filter: Captures used walnut abrasive for recycling, making it environmentally friendly and cost-effective.
- Wide applicability and complete specifications: Equipped with various connectors, supporting cleaning for over 99% of vehicle sizes on the market.

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- 1400W High Power: Supports 110/220V power supply, with strong suction for thorough carbon removal, suitable for Europe, America, and Asia.
- Safe and Non-harmful Physical Cleaning: Uses walnut shells as abrasives, free from harmful chemicals, with excellent corrosiveness and cleaning ability to effectively remove various contaminants, rust, and old coatings from metal surfaces.
- Built-in filter: Captures used walnut abrasive for recycling, making it environmentally friendly and cost-effective.
- Wide Applicability and Complete Specifications: Comes with various connectors, supporting cleaning for most vehicle sizes on the market.
- Built-in Storage Box: Includes a three-section retractable handle for convenient organization and storage of accessories.

- Walnut abraasive cleaning technology: Efficiently removes carbon deposits from vehicle intake manifolds and valves.
- Two Mode Options: Standard Mode / Expert Mode to meet different operational needs.
- 1600W High-Power Motor: Supports 110/220V power supply, with stable performance and strong spray force, suitable for Europe, America, and Asia.
- Large 15L Main Tank: Features a visual pressure gauge and connects to an external air compressor, allowing for pressure and flow adjustments during pipeline cleaning to improve efficiency.
- Safe and Non-harmful Physical Cleaning: Uses walnut shells as abrasives, free from harmful chemicals, with excellent corrosiveness and cleaning ability to effectively remove various contaminants, rust, and old coatings from metal surfaces.
- Built-in filter: Captures used walnut abrasive for recycling, making it environmentally friendly and cost-effective.
- Wide Applicability and Complete Specifications: Comes with various connectors, supporting cleaning for most vehicle sizes on the market.
- Built-in Storage Box: Includes a three-section retractable handle for convenient organization and storage of accessories.

	Rated Power	Storage Tank	Pressure Display	Pressure Setting	Vacuum Suction	Rated Voltage	Air Flow Rate	Rated Frequency	Machine Capacity	Product Weight
HTS559	1400W	×	×	×	0.02MPa	AC 110V/220V	< 300L/min	50/60HZ	30L	20.5KG
HTS518	1400W	✓	×	High speed mode / Low speed mode	0.02MPa	AC 110V/220V	< 300L/min	50/60HZ	30L	23.5KG
HTS678	1600W	✓	✓	Pressure knob adjustment	0.02MPa	AC 110V/220V	< 300L/min	50/60HZ	15L	52KG



DRY ICE BLASTING MACHINE

The AUTOOL Dry Ice Blasting Machine is a versatile cleaning tool designed for automotive maintenance, specifically tailored for engine carbon buildup removal. Utilizing high-speed airflow, dry ice pellets are accelerated to remove carbon deposits effectively. The cleaned dry ice evaporates safely in the environment, leaving no residue and ensuring vehicle safety. This machine is ideal for cleaning engine compartments, cylinder combustion chambers, intake valves, throttle bodies, and more, serving multiple cleaning and maintenance purposes. AUTOOL integrates extensive practical experience into product development, emphasizing safety, reliability, intelligence, and user-friendliness.



- Safe and Environmentally Friendly: Uses gentle cleaning technology that cleans surfaces quickly and effectively without leaving any chemical pollutants.
- Intelligent Control Panel: Provides intuitive operation with on/off buttons and dry ice quantity control.
- Dual-channel Pressure Display: Simultaneously shows both inlet and outlet pressures.
- Large Capacity Dry Ice Bin: Provides thorough carbon cleaning in one step.
- Visual Pressure Reading: Real-time monitoring of operational status.
- Dry Ice Quantity Control Button: Precisely adjusts the amount of dry ice.
- Multiple Nozzles Included: Meets various cleaning needs.
- Portable and integrated design with external 360° rotating reinforced casters and handle, suitable for mobility in various environments.
- Wide Applicability: Supports cleaning of engine cylinder combustion chambers, valve carbon deposits, intake manifolds, catalytic converters, fuel vehicles, and engine compartments.
- Multiple Application Fields: Suitable for automotive maintenance, industrial equipment, aerospace, construction, and other scenarios.



HTS709

DRY ICE BLASTING MACHINE



High-efficiency
Cleaning



Adjustable Dry
Ice Amount



Dual Pressure
Gauge Display



Eco-friendly
& Safety



Widely
Used

HTS709

Power Supply	Dry Ice Capacity	Compressed Air Flow	Supply Air Pressure	Dry Ice Particle Size	Dry Ice Feed Rate (Adjustable)	Power
AC 110V/220V	7.5kg	>1-3m ³ /min	0.3-1.0Mpa	3mm, can use small ice blocks	0-3.2KG/min	500W

HTS705

HTS708



- Safe and Environmentally Friendly: Uses gentle cleaning technology that cleans surfaces quickly and effectively without leaving any chemical pollutants.
- Intelligent Control Panel: Provides intuitive operation with on/off buttons and dry ice quantity control.
- Visual Pressure Gauge: Allows for intuitive assessment and monitoring of operating pressure.
- Built-in Dry Ice Filtering Device: Prevents equipment blockages caused by dry ice.
- Dry Ice Quantity Control: Precisely adjusts the amount of dry ice used.
- Multiple Nozzles Included: Meets various cleaning needs.
- Portable Integrated Design: Compact size for easy transportation.
- Wide Applicability: Supports cleaning of engine cylinder combustion chambers, valve carbon deposits, intake manifolds, catalytic converters, fuel vehicles, and engine compartments.
- Multiple Application Fields: Suitable for automotive maintenance, industrial equipment, aerospace, construction, and other scenarios.

- Safe and Environmentally Friendly: Uses gentle cleaning technology that cleans surfaces quickly and effectively without leaving any chemical pollutants.
- Intelligent Control Panel: Provides intuitive operation with on/off buttons and dry ice quantity control.
- Large Capacity Dry Ice Bin: Facilitates thorough carbon cleaning in one step.
- Visual Pressure Gauge: Monitors output pressure in real-time.
- Dry Ice Quantity Control Button: Precisely adjusts the amount of dry ice emitted.
- Multiple Nozzles Included: Meets various cleaning needs.
- Portable and integrated design with external 360° rotating reinforced casters and handle, suitable for mobility in various environments.
- Wide Applicability: Supports cleaning of engine cylinder combustion chambers, valve carbon deposits, intake manifolds, catalytic converters, fuel vehicles, and engine compartments.
- Multiple Application Fields: Suitable for automotive maintenance, industrial equipment, aerospace, construction, and other scenarios.

	Power Supply	Dry Ice Capacity	Compressed Air Flow	Supply Air Pressure	Dry Ice Particle Size	Dry Ice Feed Rate [Adjustable]	Product Weight
HTS705	AC 110V/220V	5.0kg	>1~3m ³ /min	0.3~1.0Mpa	3mm, can use small ice blocks	0~3.2KG/min	45KG
HTS708	AC 110V/220V	7.5kg	>1~3m ³ /min	0.3~1.0Mpa	3mm, can use small ice blocks	0~3.2KG/min	60.3KG



AUTOMOTIVE POWER SUPPLY & CHARGER

The AUTOOL Automotive Power Supply Charger features functions such as jump start, charging, and battery repair. It can be used not only for stabilizing voltage during software upgrades and programming of automotive electronic control modules but also serves as a charger through mode switching, providing charging and auxiliary starting for 12V vehicles, 24V trucks, or 48V mild hybrid lithium batteries. Additionally, it functions as a power supply device for automotive maintenance and debugging purposes.

- High-power regulated power supply: Supports automotive programming voltage regulation, battery charging, battery repair, and engine jump-starting.
- Two modes: Fixed voltage mode and adjustable voltage mode, with a maximum current of 150A, meeting various power supply needs.
- Efficient and convenient: Widely applicable with a maximum 20A fast charge, supports charging and repairing of conventional lead-acid batteries, AGM flat plate batteries, AGM spiral batteries, EFB flooded batteries, and GEL gel batteries.
- Automotive emergency start function: 400A super high effective current, suitable for vehicles with engine capacities up to 5.0T.
- Equipped with 1.8-meter 16-square pure copper cables: Ensures safe and reliable high current flow.
- Multiple safety protections: Includes short circuit protection, polarity reverse protection, over-temperature protection, overload protection, overcharge protection, and low voltage protection.



EM365

INVERTER PROGRAMMING POWER SUPPLY



Programming Power



Fast Charging



Vehicle Jump Start



Battery Repair



Multi-Protection



Lightweight & Portable

EM365

Input Power	Rated Input Power	Starting Current/Voltage	Supply Voltage Range	Input Frequency	Charging Current/Voltage	Supply Current
AC110V or AC220V	3.8KVA	400A/12V	10.8V-15V	50Hz/60Hz	20A/12V	150A

EM610 DIGITAL CHARGER



- Four core functions: Fast charging mode, battery repair mode, engine start assist, and system language settings.
- Efficient, safe, and convenient: Capable of charging two batteries simultaneously.
- Intelligent control panel: Features a high-definition TFT color display.
- Multifunctional charger: Supports various battery types, including standard batteries (AGM, GEL, EFB) and lithium batteries (lithium iron phosphate, ternary lithium).
- Advanced control technology: Incorporates IGBT control technology, a constant voltage and current system, and multiple protection mechanisms (short circuit, overload, grounding, leakage, overcharge, low voltage, reverse connection, and overheating protection).
- Wide range of applications: Provides 12V/24V output voltage, suitable for most car and truck batteries on the market.
- Portable and Compact: Integrated design, compact size, suitable for vehicle charging.

Charging of Lithium Batteries	Lithium Iron Phosphate / Ternary Lithium
Output Voltage Range	12/24V
Output Current Range	0-40A
Input Operating Voltage	90-264V
Power	500W
Display Screen	2.8 inch Color Screen
Charging Cable Length	2m
Lead-acid Battery Type	AGM/GEL/EFB/Regular

EM630 SUPER DIGITAL CHARGER



- Efficient, safe, and convenient: Features four core functions including fast charging mode, battery repair mode, engine start assist, and system language settings.
- Intelligent control panel: Equipped with a high-definition 5-inch TFT color display.
- Multifunctional charger: Supports various battery types, standard batteries (AGM, GEL, EFB), lithium batteries (lithium iron phosphate, ternary lithium), and 48V hybrid batteries.
- Advanced control technology: Incorporates IGBT control technology and multiple protection mechanisms (short circuit, overload, grounding, leakage, overcharge, low voltage, reverse connection, and overheating protection).
- Wide range of applications: Provides 24V/48V output voltage, suitable for most car and truck batteries on the market.
- Portable and Compact: Integrated design, compact size, suitable for vehicle charging.

Charging of Lithium Batteries	Lithium Iron Phosphate / Ternary Lithium
Output Voltage Range	24/48V
Output Current Range	0-70A
Input Operating Voltage	90-264V
Power	800W
Display Screen	5 inch Color Screen
Charging Cable Length	2m
Lead-acid Battery Type	AGM/GEL/EFB/Regular

EM650 MULTI-FUNCTIONAL SUPER CHARGER



- Efficient, safe, and convenient: Features four core functions including automotive programmed power supply, fast charging mode, battery repair mode, engine start assist, system language setting.
- Supports Two Modes: Fixed Voltage Mode / Adjustable Voltage Mode, with a maximum current of up to 120A, meeting the power supply requirements for ECU programming.
- Intelligent control panel: Equipped with a high-definition 5-inch TFT color display.
- 1500W super power with a constant voltage and current system, meeting various charging needs.
- Multifunctional charger: Supports various battery types, standard batteries (AGM, GEL, EFB), lithium batteries (lithium iron phosphate, ternary lithium) and other types of batteries.
- Advanced control technology: Incorporates IGBT control technology and multiple protection mechanisms (short circuit, overload, grounding, leakage, overcharge, low voltage, reverse connection, and overheating protection).
- Wide range of applications: Provides 12V/24V output voltage, suitable for most cars and trucks on the market.
- Portable and Compact: Integrated design, compact size, suitable for vehicle charging.

Charging of Lithium Batteries	Lithium Iron Phosphate / Ternary Lithium
Output Voltage Range	12/24V
Output Current Range	0-120A
Input Operating Voltage	90-264V
Power	1500W
Display Screen	5 inch Color Screen
Charging Cable Length	5m
Lead-acid Battery Type	AGM/GEL/EFB/Regular
Programming Power Supply Mode	✓



PULSATING BRAKE FLUID EXCHANGER

The AUTOOL automotive brake fluid exchangers utilize a novel pulsating technology for brake fluid replacement. This technology emits continuous pulse signals to apply pressure to the brake fluid pipelines, effectively cleaning the lines. This ensures a more thorough replacement of brake fluid, preventing the formation of air bubbles during the oil change and filling process, thereby optimizing or eliminating the need for manual air bleeding.



- Adopts New Pulsating Brake Fluid Exchange Technology: Automatically removes air bubbles from the pipeline and cleans pipeline dirt, ensuring a more thorough oil change.
- Fully Automated One-Click Oil Change: Single-person operation, efficient and quick, saving time and effort while improving work efficiency.
- Automatic Pressure Relief Function: Automatically relieves pressure when the machine stops to prevent brake fluid splashing.
- Visual Pressure Gauge: Provides an intuitive view of the oil change system's working pressure status.
- Smart Control Panel: Allows precise settings for working pulse, pressure, and time.
- Simultaneous Four-Wheel Oil Change: Can change brake fluid on all four wheels at once, doubling efficiency.
- 3-Liter Large Capacity Oil Tank: Made from high-quality stainless steel, offering corrosion resistance, impact resistance, and oxidation resistance.
- Portable Integrated Design: Equipped with a three-stage telescopic handle and external 360° rotating wheels, suitable for various work environments.
- Wide Compatibility: Equipped with 17 types of adapters, suitable for most vehicles on the market.



AST618

PULSATING BRAKE & CLUTCH BLEEDER



Pulsating Oil Exchanging



Widely Used



One-person Operation



Intelligent Adjustment



Pressure Display



Trolley Design



AST618

Power Supply

DC12V

Brake Fluid Capacity

3L

Working Pressure

0.6-3.0bar

Max. Output Flow Rate

1.6L/min

Adapters

17 types

Pressure Bleed Time After Stopping

10S

Supported Simultaneous Exchange

4 Brake Cylinders

AST605 BRAKE FLUID BLEEDER



- Adopts New Pulsating Brake Fluid Exchange Technology: Automatically removes air bubbles from the pipeline and cleans pipeline dirt, ensuring a more thorough oil change.
- Fully Automatic One-Click Oil Change: Executes the entire oil change process with a single operation, making it simple and efficient.
- Visual Pressure Gauge: Provides an intuitive view of the oil change system's working pressure status.
- Mechanical Pressure Adjustment Control: Allows pressure adjustment via a knob to meet different vehicle pressure requirements.
- High-Quality Materials: Features corrosion-resistant, high-temperature, and oxidation-resistant aluminum alloy oil pipes.
- Wide Compatibility: Equipped with 3 vehicle adapters; compatible with most vehicle models.

Power Supply	110V/220V
Operating Pressure	0.7-2.5bar
Maximum Output Flow Rate	1.5L/min
Adapter Fittings	3 types
Supported Simultaneous Exchange	1 Brake Cylinder Exchange

AST609 BRAKE FLUID BLEEDER



- Adopts New Pulsating Brake Fluid Exchange Technology: Automatically removes air bubbles from the pipeline and cleans pipeline dirt, ensuring a more thorough oil change.
- Fully Automatic One-Click Oil Change: Executes the entire oil change process with a single operation, making it simple and efficient.
- Two Pressure Modes: Standard mode and Fast mode to meet different operational needs.
- Dual Power Supply Options: Supports DC 12V or 110V/220V to accommodate various scenarios.
- Visual Pressure Gauge: Provides an intuitive view of the oil change system's working pressure status.
- Pressure Adjustment Knob: Allows for precise adjustment of oil change pressure using the rotary knob.
- 1.5L Large Capacity Recovery Bottle: Made from high-quality aluminum alloy, featuring corrosion resistance, oxidation resistance, and high-temperature endurance.
- Wide Compatibility: Equipped with 7 types of adapters, suitable for most vehicles on the market.

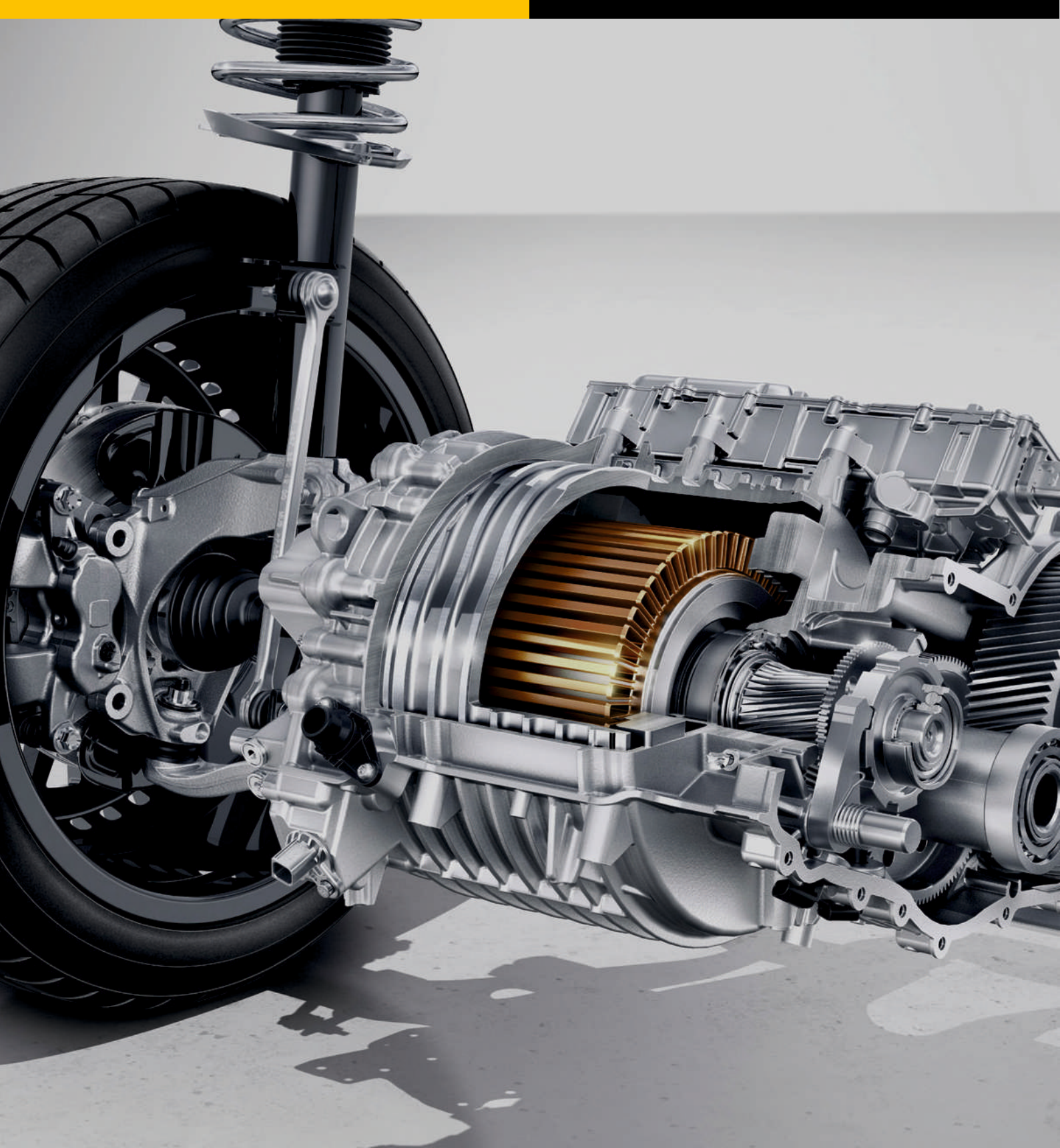
Power Supply	DC 12V/3A or 110V/220V
Brake Fluid Capacity	1.5L
Operating Pressure	1.5-2.0bar, 2.0-2.5bar
Maximum Output Flow Rate	2.6L/min
Adapter Fittings	7 types
Supported Simultaneous Exchange	2 Brake Cylinders Exchange

AST612 BRAKE FLUID BLEEDER



- Adopts New Pulsating Brake Fluid Exchange Technology: Automatically removes air bubbles from the pipeline and cleans pipeline dirt, ensuring a more thorough oil change.
- Automated One-Click Oil Change: Single-person operation, completes the oil change in 5 minutes with an oil change rate of over 98%.
- Automatic Pressure Relief Function: Automatically relieves pressure when the machine stops to prevent brake fluid splashing.
- Visual Pressure Gauge: Provides an intuitive view of the oil change system's working pressure status.
- Pressure Adjustment Button: Allows for easy adjustment of oil change pressure by increasing or decreasing as needed.
- Two 1.5-Liter Recovery Bottles: Allows for simultaneous oil changes on two wheels, doubling efficiency.
- Wide Compatibility: Equipped with 9 types of adapters, suitable for various vehicles from Europe, America, Asia, and more.

Power Supply	DC 12V/3A
Brake Fluid Capacity	1L
Operating Pressure	0.5-2.5bar
Maximum Output Flow Rate	2.6L/min
Adapter Fittings	9 types
Supported Simultaneous Exchange	2 Brake Cylinders Exchange



TRANSMISSION FLUID EXCHANGER

The AUTOOL Automatic Transmission Fluid Exchanger series is primarily designed for exchanging transmission fluid in automobiles. It recovers and measures the old fluid while simultaneously filling the same amount of new fluid into the vehicle. This process is completed rapidly and automatically, enhancing efficiency and work quality during fluid replacement. Additionally, it reduces damage and contamination associated with manual operation, serving as a device to maintain consistent fluid levels during automatic transmission fluid changes in vehicles.

ATF705



ATF702



- One Machine with Eight Functions: Features six major operation modes and two alert functions (one-click oil change, cycle cleaning, equal amount exchange, adding new oil, recycling used-oil, language settings, new oil drainage alert, used-oil drainage alert).
- Fully Automatic System: Smart control program completes transmission fluid changes in 20 minutes, with an oil change rate of over 98%.
- Sensor Technology: Includes an electronic scale for precise equal exchange of new and used-oil, with an error margin of less than 0.2 kg.
- Reverse Polarity Protection: Intelligent recognition automatically identifies power polarity and oil inlet/outlet directions to prevent equipment damage.
- Thickened Aluminum Alloy Connectors: Safe and reliable, with properties including anti-oxidation, corrosion resistance, high temperature tolerance, strong heat dissipation, and rust prevention.
- New and used-oil Window: Allows observation of the oil change process to ensure thoroughness and prevent residual used-oil.
- HD Color Display Screen: Features a visual pressure gauge with a clear interface, simple operation, and intuitive use.
- Wide Applicability: Equipped with various connectors, covering most of automatic transmissions in Europe, the Americas, and Asia.
- Portable Design: Equipped with 360° rotating reinforced wheels for easy movement in various work environments.

- Intelligent Transmission Fluid Exchanger: Integrates three major functions oil change, cleaning, and oil extraction into one equipment.
- Semi-Automatic System: Completes transmission fluid changes in 20 minutes, with an oil change rate of over 98%.
- New and Used- oil Window: Allows observation of the oil change process to ensure thoroughness and prevent residual old oil.
- Quality Assurance: Durable and long-lasting, featuring thickened aluminum alloy connectors with anti-oxidation, corrosion resistance, high temperature tolerance, strong heat dissipation, and rust prevention properties.
- Wide Applicability: Equipped with various connectors, covering most of automatic transmissions in Europe, the Americas, and Asia.
- Dual Pressure Gauges: Provides precise readings, simultaneously showing output pressure and return oil pressure for intuitive data understanding and quick assessment of the oil change status.
- Portable Design: Equipped with 360° rotating reinforced wheels for easy movement in various work environments.

ATF705 AUTO ATF EXCHANGER

ATF702 SEMI-AUTO ATF EXCHANGER



Quick Change
Of ATF



Circulating
Cleaning



Pressure
Display



Oil Level
Display



Widely
use



Easy To
Move

	Power Supply	Maximum Power	Pressure Gauge	Oil Outlet Hose	Return Oil Hose	Oil Tank	Color Screen Display	Function Modes Available	Equal Volume Replacement Error
ATF702	DC 12V	<150W	10kg/cm ²	2.5m	2.5m	20L	×	3	/
ATF705	DC 12V	<150W	10kg/cm ²	2.5m	2.5m	20L	✓	8	<0.2kg



PNEUMATIC OIL DRAINER & EXTRACTOR

The principle of the AUTOOL Pneumatic oil Drainer and Extractor is to use compressed air to create a vacuum in the transparent measuring cup and the oil storage tank. This negative pressure in the cup and tank is then used to extract all the waste engine oil from the engine into the storage tank. As a commonly used piece of equipment in automotive maintenance, the oil extractor can effectively improve work efficiency and reduce maintenance costs. Additionally, it helps to reduce the discharge of waste oil, thereby lowering environmental pollution.



- Rapid Vacuum Oil Extraction Technology: Utilizes compressed air and a vacuum pump to complete the oil extraction process in just 3 minutes.
- 70L Large Capacity Oil Extraction Tank: Features a 1.5mm thick explosion-proof body, allowing for greater oil storage capacity with a durable, leak-proof seal.
- Large Oil Collection Tray: Diameter of 41 cm, providing ample space to collect oil and prevent spills during operation.
- Adjustable Lifting Rod: Height adjustable up to 1.5 meters to ensure proper alignment of the oil collection pan with the vehicle's underside, reducing the risk of oil leakage.
- Transparent Glass Oil Level Gauge: Allows clear observation of oil quality and precise measurement of recovered oil volume, made from explosion-proof tempered glass with high strength and resistance to corrosion, high temperatures, and oxidation.
- Oil Level Sight Window: Allows easy observation of the amount of waste oil recovered to ensure thorough removal and prevent residue inside the tank.
- Wide Application Range: Includes 5 different diameters of corrosion-resistant oil suction hoses to suit various vehicle interfaces.
- 360° Swivel Casters: Features swivel wheels with locking mechanisms, providing strong load-bearing capacity and easy movement in various environments.
- Detailed Design: Includes a storage box and handlebar, providing convenient storage space and easy placement of components during the work process.

SPECIFICATIONS OF OIL EXTRACTION HOSES

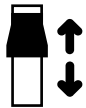
- ① Ø5 x L700mm, (Cu) Extraction Speed: 1.9L/min
- ② Ø6 x L700mm, (Cu) Extraction Speed: 3.7L/min
- ③ Ø5 x L700mm, (Pvc) Extraction Speed: 1.0L/min
- ④ Ø6 x L700mm, (Pvc) Extraction Speed: 2.0L/min
- ⑤ Ø8 x L700mm, (Pvc) Extraction Speed: 6.5 L/min



OD720 PNEUMATIC OIL DRAINER & EXTRACTOR



Large-size Oil Pan



Adjustable Height



Explosion-proof Measuring Cup



Vacuum Extraction Tech



Thickened Tank Construction



360° Swivel Casters



OD720

Air Supply Pressure	Oil Discharge Pressure	Tank Capacity	Oil Catch Pan Capacity	Measuring Cup Capacity	Vacuum Level	Air Consumption	Working Oil Temp.	Evacuation Wands Qty
6-8 bar	0.6-0.8 bar	70L	20L	10L	0-65cmHg	150L/min	40-60°C	5pcs

OD710 PNEUMATIC WASTE OIL DRAINER



OD760 PNEUMATIC OIL DRAINER & EXTRACTOR WITH DRAWER



- 70L Large Capacity Oil Extraction Tank: Features a 1.5mm thick explosion-proof body, capable of holding more oil, with a durable, leak-proof seal.
- Large Oil Collection Tray: Diameter of 41 cm, providing ample space for oil collection and preventing spills during operation.
- Adjustable Lifting Rod: Can be adjusted up to 1.5 meters, allowing for precise alignment of the collection tray with the vehicle's underside, reducing the risk of oil leaks.
- Oil Level Sight Window: Allows easy observation of the amount of waste oil recovered to ensure thorough removal and prevent residue inside the tank.
- 360° Swivel Casters: Features swivel wheels with locking mechanisms, providing strong load-bearing capacity and easy movement in various environments.
- Detailed Design: Includes a storage box and handlebar, providing convenient storage space and easy placement of components during the work process.

- Rapid Vacuum Oil Extraction Technology: Utilizes compressed air and a vacuum pump to complete the oil extraction process in just 3 minutes.
- 80L Large Capacity Oil Extraction Tank: Features a 1.5mm thick explosion-proof body, allowing for greater oil storage capacity with a durable, leak-proof seal.
- Large Oil Collection Tray: Diameter of 41 cm, providing ample space to collect oil and prevent spills during operation.
- Adjustable Lifting Rod: Height adjustable up to 1.5 meters to ensure proper alignment of the oil collection pan with the vehicle's underside, reducing the risk of oil leakage.
- Transparent Glass Oil Level Gauge: Allows clear observation of oil quality and precise measurement of recovered oil volume, made from explosion-proof tempered glass with high strength and resistance to corrosion, high temperatures, and oxidation.
- Oil Level Sight Window: Allows easy observation of the amount of waste oil recovered to ensure thorough removal and prevent residue inside the tank.
- Wide Application Range: Includes 5 different diameters of corrosion-resistant oil suction hoses to suit various vehicle interfaces.
- Visual Pressure Gauge: Monitors changes in vacuum pressure during the extraction process and determines extraction time based on pressure values.
- External Three-Layer Storage Drawer Space: Conveniently stores and accesses various disassembly tools.
- Integrated Tool Cart Design: Features 360° swivel casters with locking devices, providing strong load-bearing capability and ease of movement in various environments.

	Air Supply Pressure	Oil Discharge Pressure	Tank Capacity	Oil Catch Pan Capacity	Measuring Cup Capacity	Vacuum Level	Air Consumption	Working Oil Temp.	Evacuation Wands Qty
OD710	6-8 bar	0.6-0.8 bar	70L	20L	/	/	150L/min	40-60°C	/
OD760	6-8 bar	0.6-0.8 bar	80L	20L	10L	0-65cmHg	150L/min	40-60°C	5pcs



COOLING SYSTEM TESTER & FILLER

The AUTOOL Automotive Cooling System Tester and Filler is a device used in automotive maintenance and repair. It is designed to test for leaks in the cooling system by drawing a vacuum and pressurizing, as well as for filling the cooling fluid. With a high degree of automation, it can be operated by a single person, making it convenient, time-saving, and labor-saving. It effectively assists users in understanding the status of the automotive cooling system and provides corresponding maintenance solutions.



- Fully Automated Operation: Combines vacuuming the cooling system, pressure leak testing, and coolant filling into one equipment.
- Wide Compatibility: Includes three types of conical adapters, covering most vehicles in Europe, America, and Asia.
- Three Pressure Settings: Adjustable to -35KPa, -40KPa, or -45KPa for precise pressure values.
- Digital Display Window: Intuitively and clearly shows the data.
- Safety Protection Feature: Automatically stops and proceeds to the next step once the vacuum reaches a set pressure, preventing damage to the vehicle's cooling system.
- Liquid Drainage Design: Allows for the drainage of residual coolant from internal pipes at the end of the operation, ensuring safety and reliability.



SC301

COOLING SYSTEM TESTER & FILLER

- Cooling System Vacuum
- Coolant Filling
- Pressure Leak Detection
- 3 Pressure Modes
- Digital Display
- Pressure Protection Design

SC301	Power Supply	Pressure Range	Operating Temperature	Length of Refilling Tube	Length of Air Output Tube	Length of Fluid Input Tube	Package Weight	Package Dimensions
	DC 12V	-1~2bar	-10°C~60°C	2m	1m	0.5m	7.2kg	370x310x416mm



MAINTENANCE TOOL STORAGE SERIES

AUTOOL's maintenance tool storage cabinets and rolling utility carts are designed to help you organize your cluttered tools, optimize space utilization, and easily locate necessary items, thereby enhancing the tidiness of your workshop.



**ROLLING UTILITY CART
BASIC VERSION**

**ROLLING UTILITY CART
STANDARD VERSION**



ONE SET CABINET



DOUBLE-SET CABINETS



FULL SET WITH CORNER CABINETS

	Weight	Dimensions	Material	Rotate Bracket	Lockable Drawer	Rotating Lift Workbench	Load Capacity
ROLLING UTILITY CART (Basic)	23KG	44x74x100mm	Cold Rolled Steel Plate	×	×	×	≤300KG
ROLLING UTILITY CART (Standard)	27.5KG	44x74x100mm	Cold Rolled Steel Plate	✓	✓	✓	≤300KG



ELECTRIC VEHICLE CHARGER

The Electric Vehicle Charger Series features American or European Standard Home AC Chargers, tailored for efficient AC charging of electric vehicles. Comprising a charger body, wall-mounted backboard, and optional floor-standing pillar, these products offer advanced charging protection and card-swiping capabilities. Built on industrial design principles, they ensure easy installation and rapid deployment. With comprehensive safeguards including overvoltage, undervoltage, overload, leakage, grounding, overtemperature, low-temperature, lightning, and emergency stop protection, they guarantee the safe and reliable operation of your equipment.



- APP control and supports scheduled charging time and current adjustments, providing a worry-free experience.
- Multiple safety protections: over-current, under-voltage, leakage, over-temperature, lightning, short-circuit, over-voltage, waterproof, and flame retardant protections.
- High-resolution large screen displays all charging information at a glance, allowing you to quickly know the working status of the charging pile.
- Automatic power-off when fully charged to prevent accidents.
- Metal shell provides better heat dissipation and protection, extending the working life.
- IP65 protection level ensures resistance to wind and rain, giving you more peace of mind.
- Three-phase 32A output delivers a total power of 21kW. (The most efficient product in the AC pile series, capable of fully charging your car in as fast as 3 hours).

C721

21KW HOME CHARGING PILE

C721

Wiring Method	Cable Length	Input Voltage	Maximum Power	Output Voltage	Output Current	Protection Grade	Cooling Method	MTBF
Bottom-in, Bottom-out	8m	240V	21KW	240V	32A	IP65	Natural Cooling	100,000 Hours

C350

3.5KW PORTABLE CAR CHARGER



- The shell is made of high-strength, fireproof ABS and PC materials, which have passed a 5-meter drop test without damage. It uses standard CE cables with a pure copper core for better conduction efficiency.
- Compatible with 99% of models on the market, the program supports manual shutdown of ground detection, making temporary charging available.
- Equipped with over-voltage, over-current, under-voltage, under-current, and over-temperature protection, ensuring safe charging.
- Features current adjustment and scheduled charging to accommodate various charging scenarios.

C701

7KW HOME CHARGING PILE



- APP control and supports scheduled charging time and current adjustments, providing a worry-free experience.
- Multiple safety protections: over-current, under-voltage, over-temperature, lightning, short-circuit, over-voltage, waterproof, and flame retardant protections.
- High-resolution large screen displays all charging information at a glance, allowing you to quickly know the working status of the charging pile.
- Automatic power-off when fully charged to prevent accidents.
- Metal shell provides better heat dissipation and protection, extending the working life.
- IP65 protection level ensures resistance to wind and rain, giving you more peace of mind.

C702

11KW HOME CHARGING PILE



- APP control and supports scheduled charging time and current adjustments, providing a worry-free experience.
- Multiple safety protections: over-current, under-voltage, over-temperature, lightning, short-circuit, over-voltage, waterproof, and flame retardant protections.
- High-resolution large screen displays all charging information at a glance, allowing you to quickly know the working status of the charging pile.
- Automatic power-off when fully charged to prevent accidents.
- Metal shell provides better heat dissipation and protection, extending the working life.
- IP65 protection level ensures resistance to wind and rain, giving you more peace of mind.
- Three-phase 16A output offers lower current and greater power, meeting specific charging needs (requires support from the car's charger).

C703

7KW HOME CHARGING PILE



- APP control and supports scheduled charging time and current adjustments, providing a worry-free experience.
- Multiple safety protections: over-current, under-voltage, over-temperature, lightning, short-circuit, over-voltage, waterproof, and flame retardant protections.
- High-resolution large screen displays all charging information at a glance, allowing you to quickly know the working status of the charging pile.
- Automatic power-off when fully charged to prevent accidents.
- Metal shell provides better heat dissipation and protection, extending the working life.
- IP65 protection level ensures resistance to wind and rain, giving you more peace of mind.



AUTOOL[®]

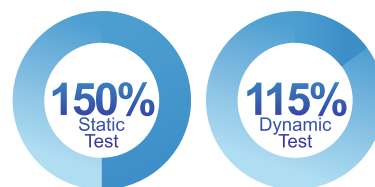
RELIABLE TOOLS FOR
RELIABLE REPAIRS



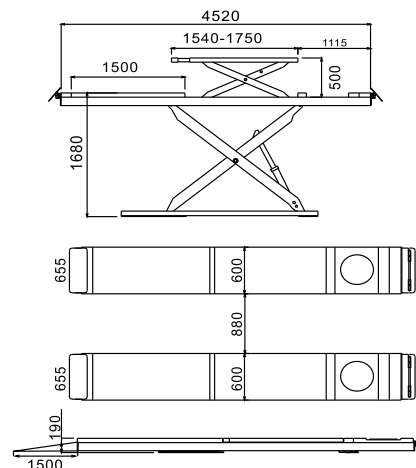
LIFTING EQUIPMENTS

ATL-4SHU

ULTRA-LOW TWIN SCISSOR (MAIN & AUXILIARY) LIFT FOR WHEEL ALIGNMENT



EU Testing Standards



ATL-4SHU

ULTRA-LOW TWIN SCISSOR (MAIN & AUXILIARY) LIFT FOR WHEEL ALIGNMENT



Brand new high-strength alloy auxiliary arm, 3D dynamic simulation design, smooth descent under full load.



Standard with single-side extendable secondary scissor lift



Optional dual-side extendable secondary scissor lift



Italian valves, copper-core motor



Precision laser cutting technology



Solid-core steel X-frame with pneumatic mechanical safety lock



Imported Japanese/Italian seals

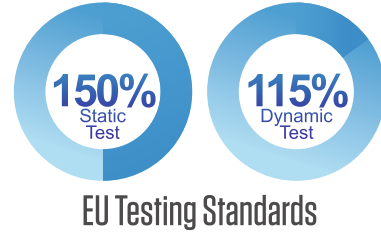
Ultra-low twin scissor (main & auxiliary) lift structure, with a thickness of only 190mm when lowered.
 Designed and manufactured with Italian technology.
 Six-cylinder design for the entire system, hydraulic synchronization with dual hydraulic systems, wave pressure lock, and triple mechanical safety devices; automatic unlocking during descent.
 The X-frame is made of premium alloy steel, laser-cut from solid-core steel plate; offering high strength, corrosion resistance, and resistance to deformation.
 Shot blasting surface treatment and high-temperature spray coating, ensuring durability.
 Retractable secondary lifting platform.
 All pivot points are fitted with wear-resistant bearings. High-molecular wear-resistant sliders.
 Infrared level detection and foot protection device during descent (optional).
 Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.
 24V safety control circuit.
 Japanese seals, Italian ball valves.
 Laser and CNC equipment cutting for precise dimensions, smooth edges, and high surface finish.

Primary Lifting Capacity	Auxiliary Lifting Capacity	Initial Height	Primary Lifting Height	Auxiliary Lifting Height	Primary Platform Length	Auxiliary Platform Length	Auxiliary Platform Width	Motor Power	Air Source Pressure
4000kg	4000kg	190mm	1680mm	500mm	4520mm	1540-1750mm	600mm	380V / 220V / Others 3KW	0.4-0.6Mpa



ATL-4SH

FOUR-WHEEL ALIGNMENT TWIN SCISSOR (MAIN & AUXILIARY) LIFT



Embedded welding for enhanced durability



Thickened solid-core steel X-frame



Integrated secondary lifting support plate



Oil hose burst protection device



Italian valves, copper-core motor



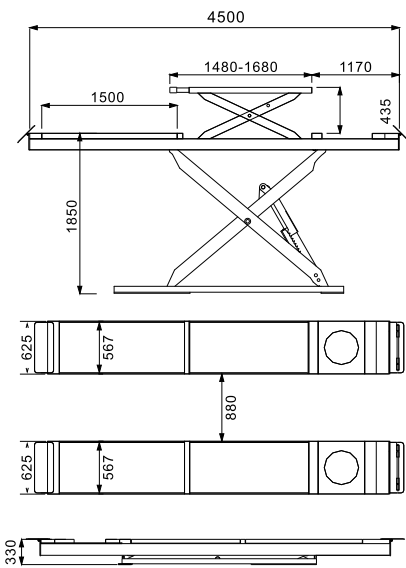
Precision laser cutting technology



High-strength, high-precision integrated non-welded triple-tooth safety lock mechanism



Imported Japanese/Italian seals



Designed and manufactured with Italian technology.

Hydraulic synchronization, hydraulic lock, and dual mechanical safety devices; automatic unlocking during descent.

24V safety control circuit.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Fitted with Japanese and Italian seals, Italian ball valves, and a hydraulic burst protection system.

Laser and CNC equipment cutting for precise dimensions, smooth edges, and high surface finish.

The X-frame is made of premium steel, laser-cut from solid-core steel plate; offering high strength, corrosion resistance, and resistance to deformation.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Retractable secondary lifting platform (optional).

All pivot points are fitted with wear-resistant bearings. High-molecular wear-resistant sliders.

Infrared level detection and foot protection device during descent (optional).

Primary Lifting Capacity	Auxiliary Lifting Capacity	Primary Lifting Height	Auxiliary Lifting Height	Primary Platform Length	Primary Platform Width	Auxiliary Platform Length	Auxiliary Platform Width	Motor Power	Air Source Pressure
4000kg	4000kg	1850mm	500mm	4500mm	610mm	1480-1680mm	570mm	380V / 220V / Others 3KW	0.4-0.6Mpa

ATL-4SH

FOUR-WHEEL ALIGNMENT TWIN SCISSOR (MAIN & AUXILIARY) LIFT

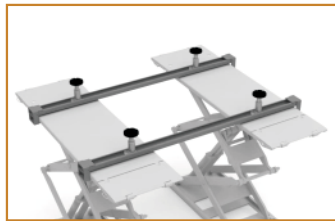
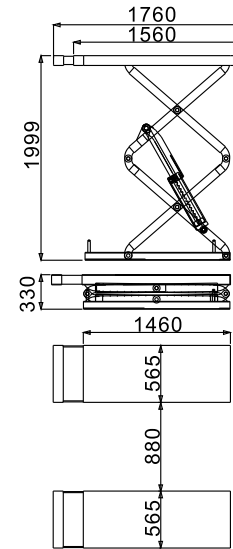


ATL-4S

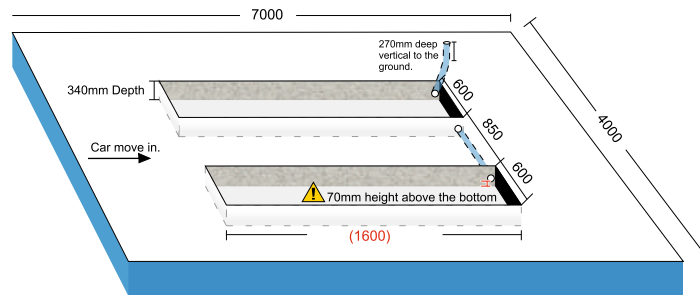
SMALL PLATFORM SCISSOR LIFT (SQUARE TUBE TYPE)



EU Testing Standards



Optional SUV supporting tool



Single-side extension



High-strength, high-precision integrated non-welded mechanical safety ratchet



Italian valves, copper-core motor



Precision laser cutting technology



Oil hose burst protection device



Imported Japanese/Italian seals

Designed and manufactured with Italian technology.

Hydraulic synchronization, hydraulic lock, and dual mechanical safety devices; automatic unlocking during descent.

24V safety control circuit.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Equipped with Japanese/Italian seals, Italian ball valves, and a hydraulic burst protection device.

Adjustable platform length.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

All pivot points are fitted with wear-resistant bearings.

Infrared level detection and foot protection device during descent (optional).

Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Source Pressure
4000kg	1999mm	1560-1760mm	565mm	330mm	380V / 220V / Others 3KW	0.4-0.6Mpa

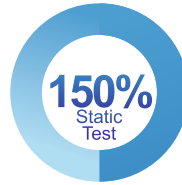
ATL-4S

SMALL PLATFORM SCISSOR LIFT (SQUARE TUBE TYPE)



ATL-3.6SU

HEAVY-DUTY ULTRA-LOW SMALL PLATFORM SCISSOR LIFT



EU Testing Standards

ATL-3.6SU



Brand new high-strength alloy assist arm, 3D dynamic simulation design, smooth descent under full load.



The vehicle guide ramp can be used as an extension plate.



Seamless, integrated one-piece base plate



Oil hose burst protection device



Italian valves, copper-core motor



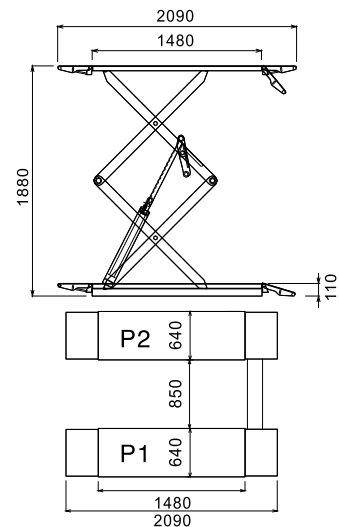
Solid-core steel X-frame, pneumatic mechanical safety lock



110mm initial height



Imported Japanese/Italian seals



Ultra-thin structure, with a thickness of only 110mm when descended.

Designed and manufactured with Italian technology.

Hydraulic synchronization with dual hydraulic systems, hydraulic lock, and triple mechanical safety devices; automatic unlocking during descent.

24V safety control circuit.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Equipped with Japanese/Italian seals, Italian ball valves, and a hydraulic burst protection device.

Laser and CNC equipment cutting for precise dimensions, smooth edges, and high surface finish.

The X-frame is made of premium alloy steel, laser-cut from solid-core steel plate; offering high strength, corrosion resistance, and resistance to deformation.

The supporting guide ramp can accommodate a wider range of long wheelbase vehicles.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

All pivot points are fitted with wear-resistant bearings.

Infrared level detection and foot protection device during descent (optional).

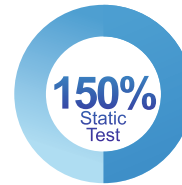
Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Source Pressure
3600kg	1880mm	1480~2090mm	630mm	110mm	380V / 220V / Others 3KW	0.4~0.6Mpa

HEAVY-DUTY ULTRA-LOW SMALL PLATFORM SCISSOR LIFT



ATL-4SM / ATL-3SM

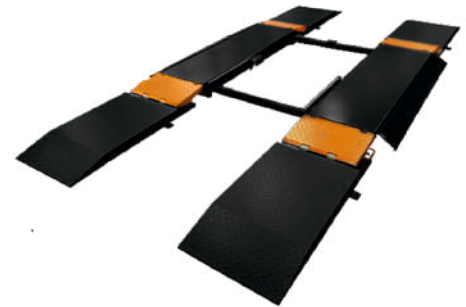
LOW-PROFILE MOBILE SCISSOR LIFT



EU Testing Standards

ATL-4SM / ATL-3SM

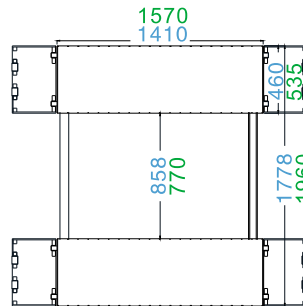
LOW-PROFILE MOBILE SCISSOR LIFT



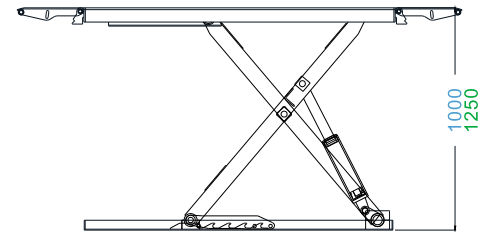
Optional vehicle ramp specifically designed for sports cars



Optional pneumatic/electric lock



■ ATL-3SM



■ ATL-4SM



Movable approach ramps used as an extension plate



Shot blasting and powder-coated surface



Movable design for added convenience



Thicker oil cylinder



Safety lock



Imported Japanese/Italian seals

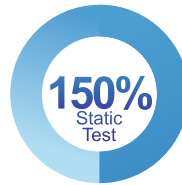
Can be directly installed on the ground, with an initial height of 105mm.
 The mechanical lock device automatically locks during ascent and pneumatically unlocks during descent, ensuring safety and reliability.
 All movable joints are equipped with self-lubricating bearings, and regular maintenance will extend service life.
 The approach ramps can accommodate a wider range of long wheelbase vehicles.
 The central connecting rod ensures stability and synchronization.

Model	Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Source Pressure
ATL-4SM	4000kg	1250mm	1570~2175mm	535mm	105mm	380V / 220V / Others 3KW	0.4~0.6Mpa
ATL-3SM	3000kg	1000mm	1410~2010mm	460mm	105mm	380V / 220V / Others 3KW	0.4~0.6Mpa

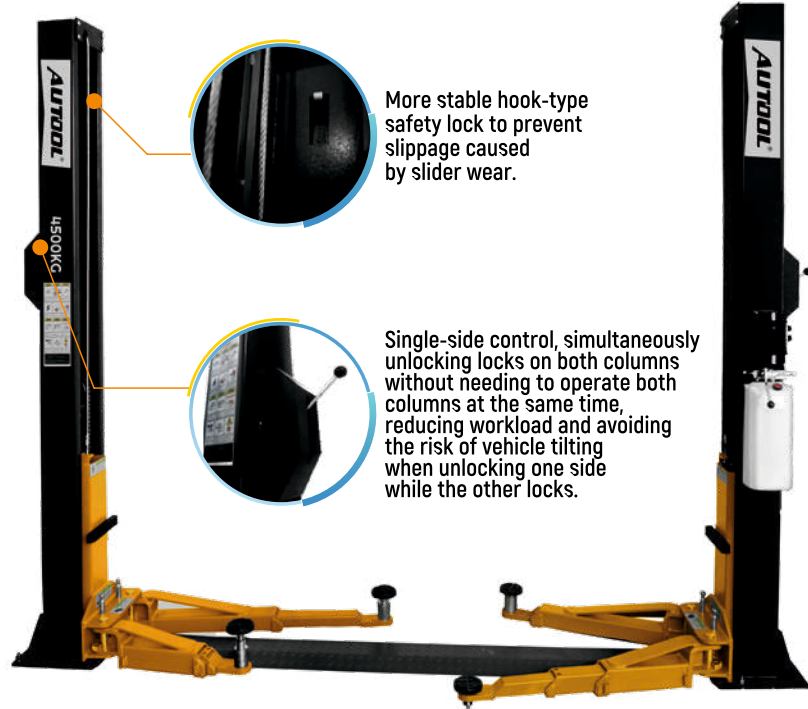
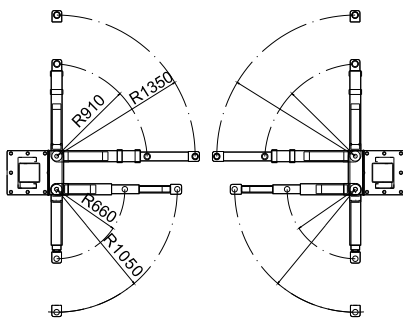
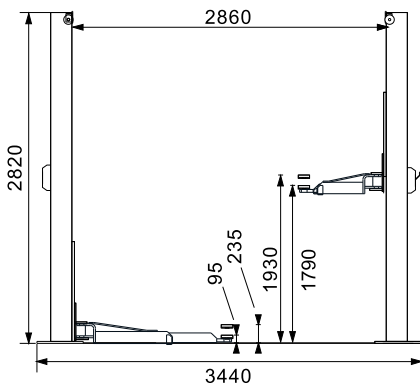
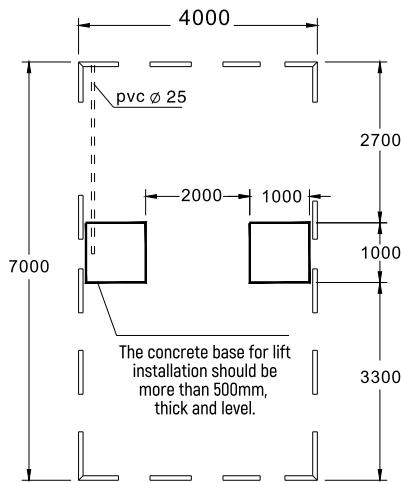


ATL-4.5C

MANUAL UNLOCK TWO-POST LIFT (EU STANDARD)



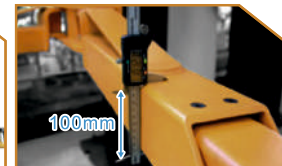
EU Testing Standards



Standard with three-stage screw pads and height extension sleeve



Second and third supporting arms with 20% higher strength than standard lifts, suitable for sports cars with ultra-low chassis designs



100mm



Solid-core steel plate



16mm thickened steel plate



High-precision supporting arm safety ratchet fit tightly

Laser-cut steel plate with precise dimensions and a smooth appearance.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Japanese/Italian seals.

Dual-cylinder direct drive with wire rope balance system.

High-molecular wear-resistant sliders.

Manual single-side unlocking safety mechanism with gear-type arm locking device; multi-level safety design for enhanced protection.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Lifting Capacity	Min. Height	Max. Lifting Height	Lifting Time	Descent Time	Total Height	Inner Column Width	Total Width	Motor Power
4500kg	95mm	1930mm	50s	30s	2820mm	2860mm	3440mm	380V / 220V / Others 2.2KW

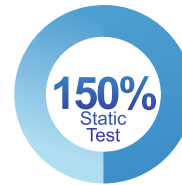
ATL-4.5C

MANUAL UNLOCK TWO-POST LIFT (EU STANDARD)



ATL-4D

STANDARD GANTRY LIFT



EU Testing Standards

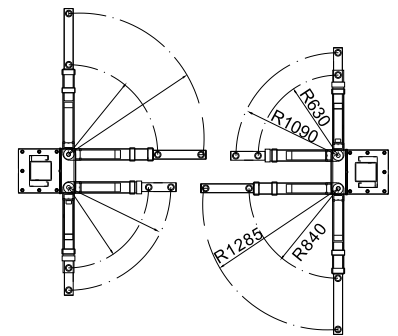
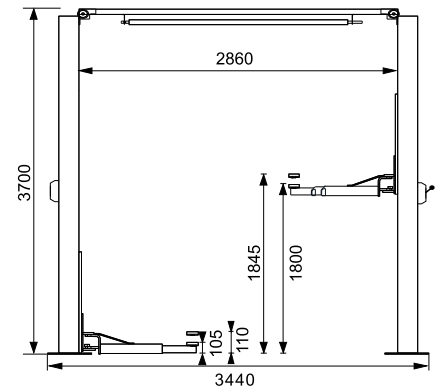
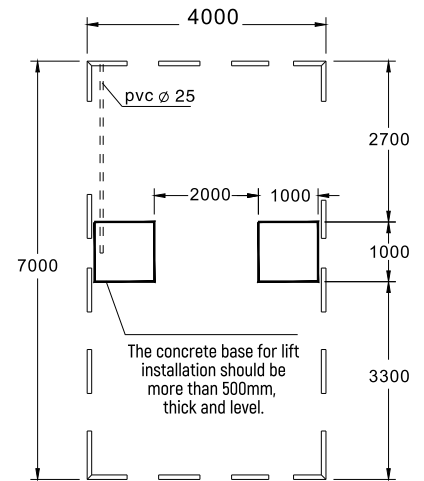
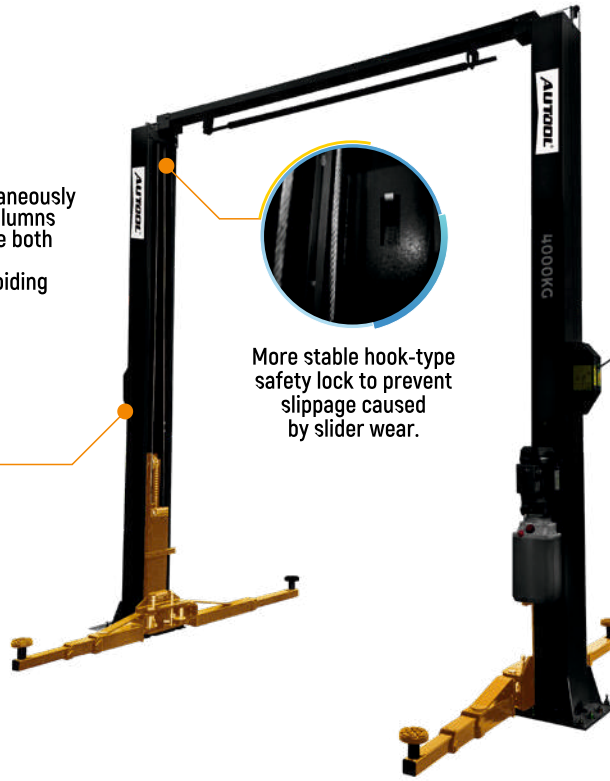
ATL-4D

STANDARD GANTRY LIFT

Single-side control, simultaneously unlocking locks on both columns without needing to operate both columns at the same time, reducing workload and avoiding the risk of vehicle tilting when unlocking one side while the other locks.



More stable hook-type safety lock to prevent slippage caused by slider wear.



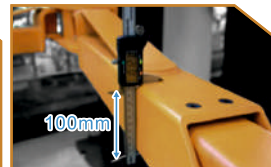
Optional: EU-standard 5.5T Lifting Arms



Three-stage screw pads and height extension sleeve



Second and third supporting arms with 20% higher strength than standard lifts, suitable for sports cars with ultra-low chassis designs



Solid-core steel plate



16mm thickened steel plate



High-precision supporting arm safety ratchet fit tightly

Laser-cut steel plate with precise dimensions and a smooth appearance.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Japanese/Italian seals.

Dual-cylinder direct drive with wire rope balance system.

High-molecular wear-resistant sliders.

Single-side control with dual-side unlocking safety mechanism, gear arm locking device, and multi-level safety design for enhanced protection.

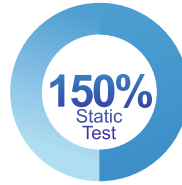
Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Lifting Capacity	Min. Height	Max. Lifting Height	Lifting Time	Descent Time	Total Height	Inner Column Width	Total Width	Motor Power
4500kg	105mm	1845mm	50s	30s	3700mm	2860mm	3440mm	380V / 220V / Others 2.2KW



ATL-4.5D / ATL-4.5DW

EU STANDARD GANTRY LIFT

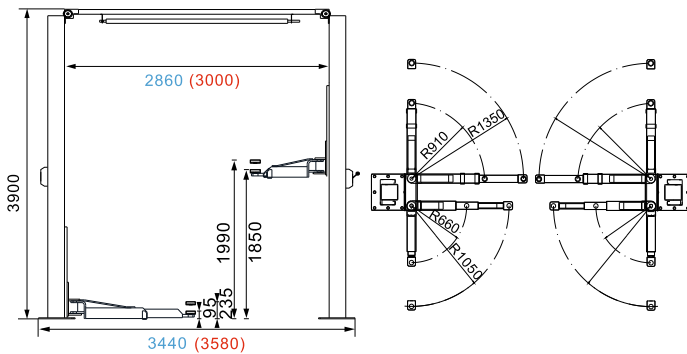
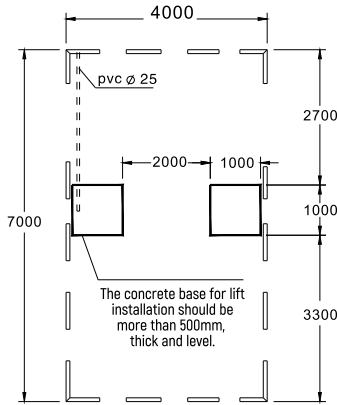


EU Testing Standards



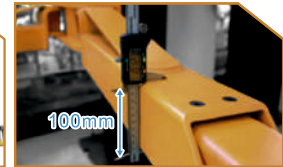
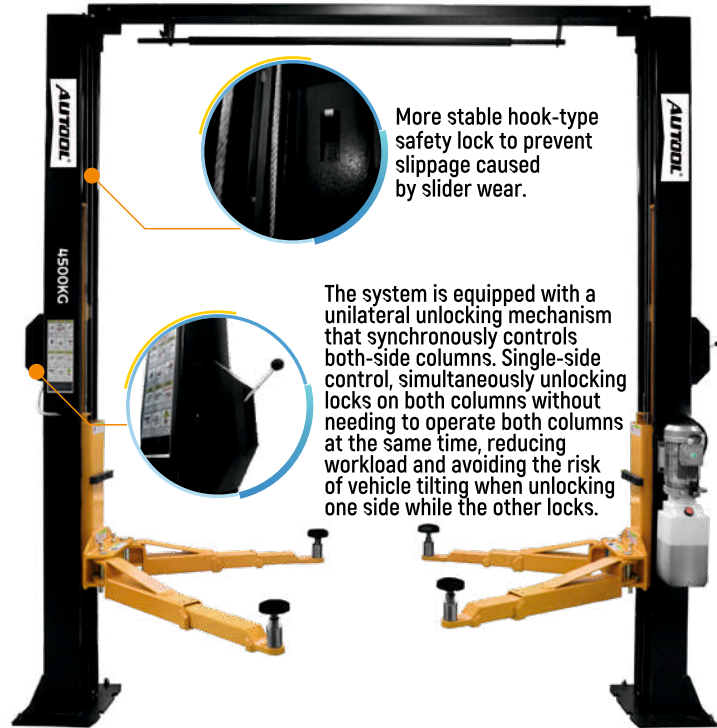
↑50%

The 1.95-meter high-strength carriage features a **50%** greater structural length and self-weight than standard lifts, delivering superior stability. The direct-drive hydraulic system eliminates chains, preventing the risk of chain breakage or derailment.



■ **ALT-4.5D** ■ **ALT-4.5DW**

Laser-cut steel plate with precise dimensions and a smooth appearance. Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment. Japanese seals. Dual-cylinder direct drive with wire rope balance system. High-molecular wear-resistant sliders. Single-side control with dual-side unlocking safety mechanism, gear arm locking device, and multi-level safety design for enhanced protection. Shot blasting surface treatment and high-temperature spray coating, ensuring durability.



Second and third supporting arms with 20% higher strength than standard lifts, suitable for sports cars with ultra-low chassis designs



Standard with three-stage screw pads and height extension sleeve



Solid-core steel plate



16mm thickened steel plate



High-precision supporting arm safety ratchet fit tightly

Model	Lifting Capacity	Min. Height	Max. Lifting Height	Lifting Time	Descent Time	Total Height	Inner Column Width	Total Width	Motor Power
ATL-4.5D	4500kg	95mm	1990mm	50s	30s	3900mm	2860mm	3440mm	380V / 220V / Others 2.2KW
ATL-4.5DW	4500kg	95mm	1990mm	50s	30s	3900mm	3000mm	3580mm	380V / 220V / Others 2.2KW

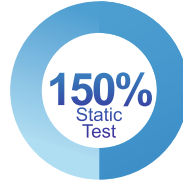
ATL-4.5D / ATL-4.5DW

EU STANDARD GANTRY LIFT



ATL-4.5DA

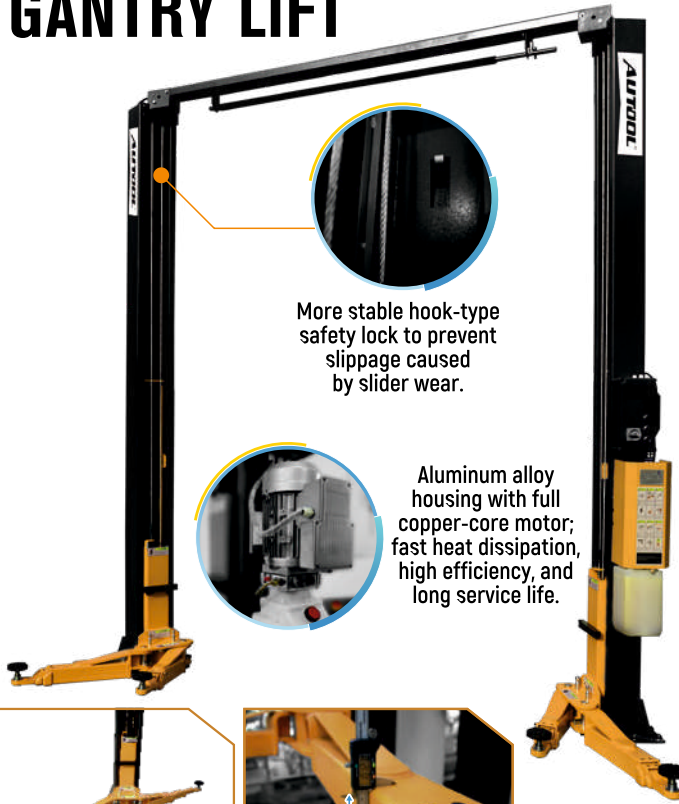
ASYMMETRIC STRUCTURE ELECTRIC-UNLOCKING GANTRY LIFT



EU Testing Standards

ATL-4.5DA

ASYMMETRIC STRUCTURE ELECTRIC-UNLOCKING GANTRY LIFT



More stable hook-type safety lock to prevent slippage caused by slider wear.



Aluminum alloy housing with full copper-core motor; fast heat dissipation, high efficiency, and long service life.

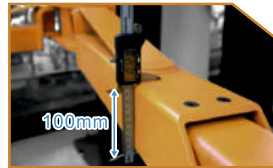


↑50%

The 1.95-meter high-strength carriage features a **50%** greater structural length and self-weight than standard lifts, delivering superior stability. The direct-drive hydraulic system eliminates chains, preventing the risk of chain breakage or derailment.



Asymmetric structure. Larger door opening angle and smaller footprint, providing a more graceful and effortless entry and exit every time.



Second and third supporting arms with 20% higher strength than standard lifts, suitable for sports cars with ultra-low chassis designs



Standard with three-stage screw pads and height extension sleeve



Solid-core steel plate

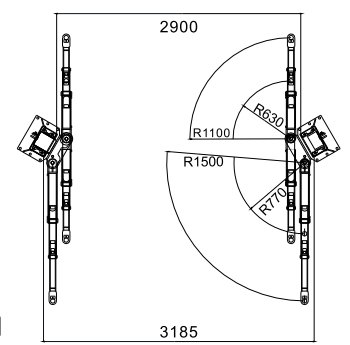
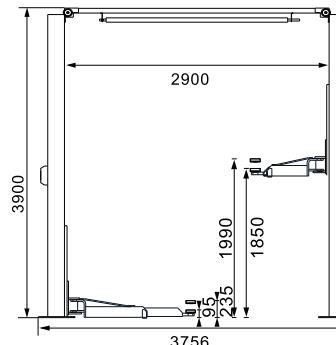
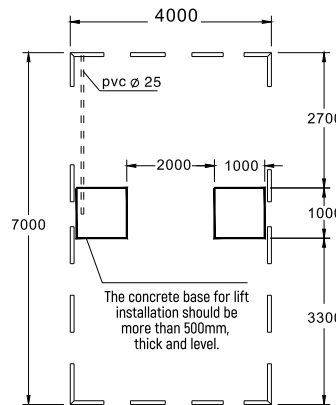


16mm thickened steel plate



High-precision supporting arm safety ratchet fit tightly

Laser-cut steel plate with precise dimensions and a smooth appearance. Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment. Japanese seals. Dual-cylinder direct drive with wire rope balance system. High-molecular wear-resistant sliders. Electric control with dual-side unlocking safety mechanism, gear arm locking device, and multi-level safety design for enhanced protection. Shot blasting surface treatment and high-temperature spray coating, ensuring durability. Asymmetric structure for easier and quicker entry and exit.

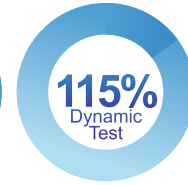
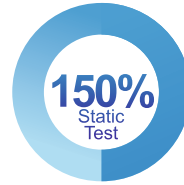


Lifting Capacity	Min. Height	Max. Lifting Height	Lifting Time	Descent Time	Total Height	Inner Column Width	Total Width	Motor Power
4500kg	95mm	1990mm	50s	30s	3900mm	2900mm	3756mm	380V / 220V / Others 2.2KW



ATL-4.5F

FOUR-POST LIFT



EU Testing Standards

AUTOMATIC UNLOCKING SERIES STANDARD CONFIGURATION



Aluminum alloy housing
with full copper-core motor

MANUAL/AUTOMATIC UNLOCKING



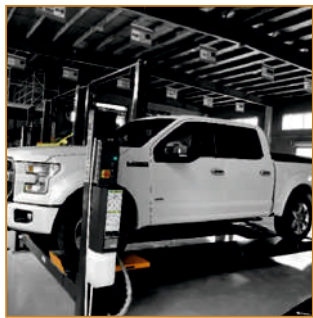
Optional industrial-grade
wireless remote control



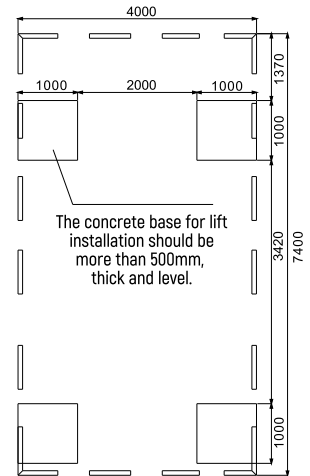
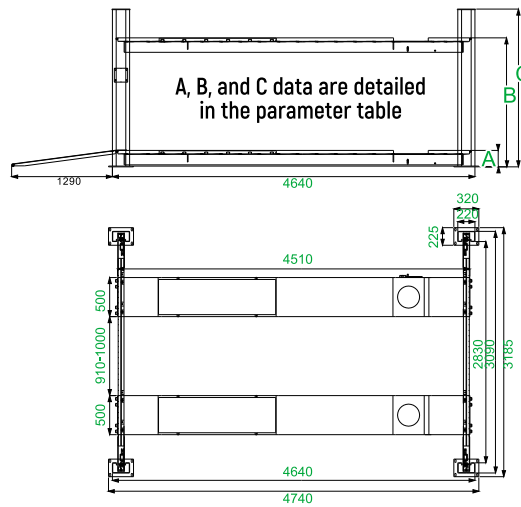
Solid-core steel
X-frame



EU-standard fully automatic control electrical box, with
automatic unlocking during descent; easy to operate



Wire rope breakage
safety mechanism



Standard with EU-standard
secondary lifting trolley



Independent ergonomic trolley safety design;
the trolley is fixed under load, and moves easily
when unloaded



4.5-ton model comes standard with a 4.5m
length; the effective load length can be
adjusted by changing the platform width
based on the vehicle model

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment. Japanese seals.

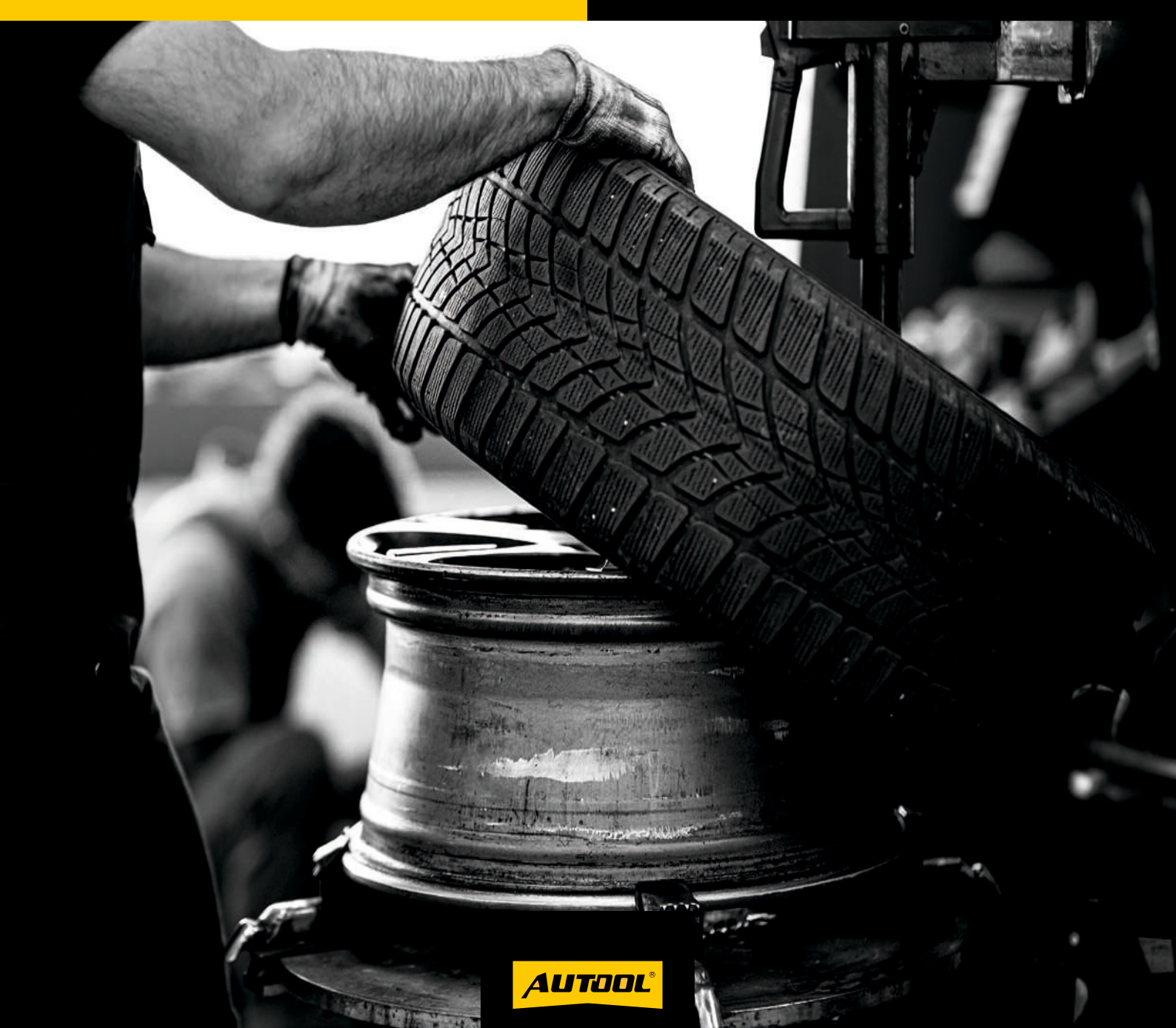
Electric hydraulic system with wire rope drive, providing stable operation.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Lifting Capacity	Min. Height (A)	Max. Lifting Height (B)	Secondary Lifting Capacity	Secondary Lifting Height	Total Height (C)	Inner Column Width	Air Source Pressure	Motor Power
4500kg	210mm	1700mm	2000kg	480mm	2218mm	2830mm	0.6~0.8Mpa	380V / 220V / Others 2.2KW

ATL-4.5F

FOUR-POST LIFT



AUTOOL[®]

RELIABLE TOOLS FOR
RELIABLE REPAIRS



TIRE CHANGER & WHEEL BALANCER



TCA403

LOW-PROFILE TIRE CHANGER

Low-profile tire changer, with a streamlined overall design, offering both aesthetic appeal and functionality.

The machine features a composite housing, which enhances the overall strength and reduces vibrations of the working head.

The foot valve assembly uses a pull-out design for easy maintenance and servicing.

With a bidirectional large pneumatic cylinder air intake design, the machine provides fast and powerful return movements, while being energy-efficient, eco-friendly, and labor-saving.

TCA403

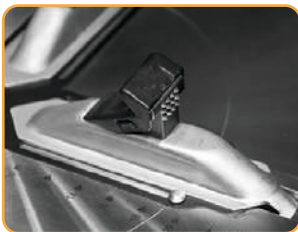
LOW-PROFILE TIRE CHANGER



Equipped with a high-end digital inflation gauge for more accurate measurements.



The foot valve assembly uses a pull-out design. The reinforced composite housing reduces vibrations of the working head.



Alloy steel jaws with quenched tips, complete with jaw protection sleeves.



The tire dismounting head is made of stainless steel, compliant with international stainless steel standards, and is equipped with anti-scratch washers.



Configured with a bidirectional large pneumatic cylinder and a dual exhaust system, ensuring fast return movements and stronger bead breaking performance.



Comes standard with tire bead clamps.



Power Supply	AC 220V/380V	Tire Diameter	1100mm
Power	1.1kw/0.75kw	Net Weight	208kg
Turntable Speed	6.8rpm	Gross Weight	231kg
Air Source Pressure	8-10bar	Noise Level	≤70dB
Tire Width	4-13"	Packaging Dimensions	1150x950x980mm
Rim Size	12-24"	Quantity per 40ft Container	48 units



TCA404

SWING-ARM TIRE CHANGER WITH AUXILIARY ARM

Swing-arm tire changer with auxiliary arm, featuring a streamlined overall design that combines aesthetic appeal with functionality.

The machine features a composite housing, which enhances the overall strength and reduces vibrations of the working head.

The foot valve assembly uses a pull-out design for easy maintenance and servicing.

With a bidirectional large pneumatic cylinder air intake design, the machine provides fast and powerful return movements, while being energy-efficient, eco-friendly, and labor-saving.

TCA404

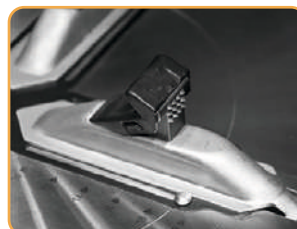
SWING-ARM TIRE CHANGER WITH AUXILIARY ARM



Equipped with a left-side auxiliary arm.



The foot valve assembly uses a pull-out design. The reinforced composite housing reduces vibrations of the working head.



Alloy steel jaws with quenched tips, complete with jaw protection sleeves.



Equipped with a high-end digital inflation gauge for more accurate measurements.



The tire dismounting head is made of stainless steel, compliant with international stainless steel standards, and is equipped with anti-scratch washers.



Configured with a bidirectional large pneumatic cylinder and a dual exhaust system, ensuring fast return movements and stronger bead breaking performance.

Power Supply	AC 220V/380V	Tire Diameter	1100mm
Power	1.1kw/0.75kw	Net Weight	208kg
Turntable Speed	6.8rpm	Gross Weight	231kg
Air Source Pressure	8-10bar	Noise Level	≤70dB
Tire Width	4-13"	Packaging Dimensions	1150x950x980mm, 1050x750x360mm (auxiliary arm)
Rim Size	12-24"	Quantity per 40ft Container	48 units + 48 auxiliary arms



TCA505 / TCA506

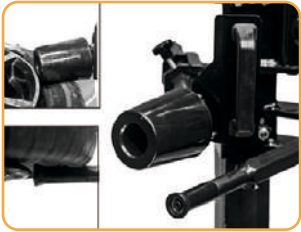
REAR-TILT TIRE CHANGER WITH AUXILIARY ARM

Rear-tilt tire changer with auxiliary arm.

Streamlined overall design, offering both aesthetic appeal and functionality.

The reinforced composite housing reduces vibrations of the working head.

Equipped with a right-side auxiliary arm, making it easier to mount run-flat and low-profile tires.



Equipped with a right-side auxiliary arm for easy mounting and dismounting of hard-to-install tires. It features both tire support and tire pressing functions.



The foot valve assembly uses a pull-out design. The reinforced composite housing reduces vibrations of the working head.



Alloy steel jaws with quenched tips, complete with jaw protection sleeves.



Rear-tilt tire changer with auxiliary arm.



The tire dismounting head is made of stainless steel, compliant with international stainless steel standards, and is equipped with anti-scratch washers.



Configured with a bidirectional large pneumatic cylinder and a dual exhaust system, ensuring fast return movements and stronger bead breaking performance.



The TCA506 configures an independent tire bead blaster system



TCA505 / TCA506

REAR-TILT TIRE CHANGER WITH AUXILIARY ARM

Power Supply	AC 220V/380V	Tire Diameter	1100mm
Power	1.1kw/0.75kw	Net Weight	282kg
Turntable Speed	6.8rpm	Gross Weight	352kg
Air Source Pressure	8-10bar	Noise Level	≤70dB
Tire Width	4-13"	Packaging Dimensions	1150x950x980mm, 1050x750x360mm (auxiliary arm)
Rim Size	12-24"	Quantity per 40ft Container	48 units + 24 auxiliary arms



TWB203

ENHANCED WHEEL BALANCER (DYNAMIC TYPE)

Enhanced wheel balancer. (Dynamic type)

Multiple balancing modes.

The control board features a self-check function.

Easy to maintain, with lower maintenance costs.

Streamlined overall design, offering both aesthetic appeal and functionality.

The main shaft undergoes a heat treatment process for high precision and high strength.



Independent intellectual property rights with adoption of a new ARM microprocessor for easy maintenance and low repair costs.



The microcomputer system, consisting of a digital tube display and keyboard, enhances functionality with clear visibility and simplicity.



The speed measurement and positioning system consists of a photoelectric coupler and gear disc.



The thickened and extended main shaft with a 40mm lead screw supports balancing extra-wide rims.



The control board features a self-check function.

TWB203

ENHANCED WHEEL BALANCER (DYNAMIC TYPE)

Maximum Wheel Weight	65kg	Tire Diameter	1100mm
Power	0.25kw	Net Weight	109kg
Balancing Accuracy	±1g	Gross Weight	133kg
Balancing Speed	Approx. 260r/min	Noise Level	≤70dB
Positioning Accuracy	1.5°	Packaging Dimensions	910x850x1235mm
Rim Diameter	10-26"	Quantity per 40ft Container	56 units



TWB205

INTELLIGENT PRECISION WHEEL BALANCER

Intelligent precision wheel balancer.

Streamlined overall design, offering both aesthetic appeal and functionality.

The OPT function enables optimal tire and rim combinations, reducing the weight of required wheel weights.

The SPO function decomposes and hides imbalance amounts behind the tire spokes, making the wheel more aesthetically pleasing.

The 2D system automatically measures and inputs parameters such as distance, diameter, and tire width.

Equipped with top and bottom laser indicators for easy lead weight placement.

Configured with a cast-iron foot brake system for easy locking of imbalance points.



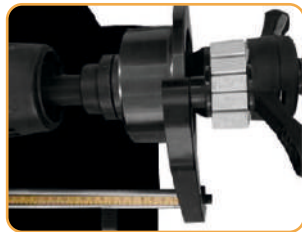
Independent intellectual property rights with adoption of a new ARM microprocessor for easy maintenance and low repair costs.



The microcomputer system, consisting of a digital tube display and keyboard, enhances functionality with clear visibility and simplicity.



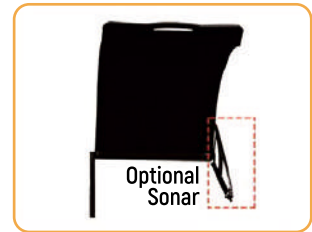
Equipped with top and bottom laser indicators and lighting system.



Multiple balancing modes; in ALU mode, utilizes the internal pull-out ruler to clamp wheel weights, precisely and quickly locating the imbalance point.



The wheel weight operation platform makes it easy to cut and apply lead blocks, and includes a storage slot for a 100g calibration wheel weight, eliminating concerns about the loss of calibration lead blocks and the maintenance inconvenience it may cause.



Equipped with a luxury tire protection cover. (Optional external sonar measuring ruler)



TWB205

INTELLIGENT PRECISION WHEEL BALANCER

Maximum Wheel Weight	65kg	Tire Diameter	1050mm
Power	0.25kw	Net Weight	120kg
Balancing Accuracy	±1g	Gross Weight	148kg
Balancing Speed	Approx. 260r/min	Noise Level	≤70dB
Positioning Accuracy	1.5°	Packaging Dimensions	850x910x1235mm
Rim Diameter	10-26"	Quantity per 40ft Container	56 units



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