



SARAS

Auto Electricals

AUTOOL®

CATALOGUE

Saras Auto Electricals is not just a supplier – we are your support system for success in the ever-evolving automotive world.

AUTOOL OFFICIAL SHOWROOM
(Saras Auto Electricals)

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About Us

Welcome to Saras Auto Electricals, your trusted partner for advanced automotive diagnostic and maintenance solutions in India. We are the authorized distributors of AUTOOL Tech Co. Ltd., a globally recognized brand known for its innovative and high-quality automotive tools and equipment.

At Saras Auto Electricals, our mission is to bring cutting-edge technology to the Indian automotive industry. With a strong distribution network and a commitment to customer satisfaction, we provide a wide range of AUTOOL products including battery testers, dry ice cleaning machines, ATF exchangers, brake oil bleeders, fuel injector cleaners, and more.



AUTOOL®

授权书

CERTIFICATE OF AUTHORIZATION

Hereby authorize:

AUTOOL allows the company "SARAS AUTO ELECTRICALS" to sell AUTOOL branded products in the offline market in India. The company is also authorized to provide after-sales service support for customers including fixing and repairing all AUTOOL products!

Name of Attorney Company:

SARAS AUTO ELECTRICALS

Authorization period:

From 25st December, 2024 to 25st December, 2025.

Please kindly note that the sale or transfer of this certificate is strictly forbidden, and any form of alteration or modification shall render it null and void.



授权公司：深圳市偶然科技有限公司
SHENZHEN AUTOOL TECHNOLOGY CO.,LTD





CONTENTS

AUTOMOTIVE REPAIR & TESTING EQUIPMENT

Auto Diagnostic Multimeter	01-02
Engine Pressure Tester	03-07
Oil Analysis Tester	08-10
Battery Tester	11-13
Electrical Circuit Tester	14-16
Fuel Injector Cleaner & Tester	17-19
3D Wheel Aligner Machine	20-22
Spark Plug Tester	23-25
Smoke Leak Detector	26-29
Smart Articulating Borescope	30-32
Maintenance Environmental Monitoring	33-35

AUTOMOTIVE REPAIR & MAINTENANCE EQUIPMENT

Smart Refrigerant Gauge	36-38
Walnut Sand De-Carbon Cleaner	39-41
Dry Ice Blasting Machine	42-44
All-in-One Power Supply Charger	45-47
Pulsating Brake Fluid Exchanger	48-50
Transmission Fluid Exchanger	51-52
Pneumatic Oil Drainer And Extractor	53-55
Cooling System Tester and Filler	56-57

MAINTENANCE TOOL STORAGE SERIES

Tool Storage Cabinets & Rolling Utility Car	58-59
---	-------

EV CHARGING STATIONS

EV Charging Stations	60-62
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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

- 6 Testing Modes:

- Voltage Measurement, Current Measurement, Resistance Measurement, Oscilloscope Mode, Ignition Pulse Signal Testing, Frequency Measurement.
- 2.8-inch Color Display Screen.
- Intelligent Control System
- Comes with a Portable Tool Box.
- Free Upgrade Service.



DM303
(ADVANCED VER.)

- 13 Testing Modes:

- Voltage Measurement, Current Measurement, Resistance Measurement, Oscilloscope Mode, Automotive Circuit Testing, Automotive Starting Testing, Fuel Injector Testing, Relay Testing, Analog Signal Testing, Ignition Pulse Signal Testing, K/LIN Line Data Reading, CAN Line Data Reading, Frequency Measurement.
- Supports power supply by lithium battery and dry cell battery.
- Equipped with a 2.8-inch color display screen.
- The intelligent control system.
- Comes with a portable tool box.
- Free upgrade service.

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.



- Digital pressure gauge specifically for brake system pressure test.
- Uses aviation connectors, portable and easy to disassemble.
- Wide measurement range, with a maximum of up to 210 bar.
- Utilizes high-precision, oil and corrosion-resistant sensors for sensitive and accurate measurements, ensuring extended lifespan.
- One-button atmospheric pressure calibration function to offset fluctuations in atmospheric pressure and maintain measurement accuracy.
- Automatic data holding feature for hassle-free measurements.
- Supports three commonly used pressure measurement units.
- Features a 3-inch high-definition backlit display screen.
- Automatic OFF: Energy-saving design automatically shuts down the device after 5 minutes of inactivity or when there's no pressure applied.
- Intelligent alarm: Audible alert is triggered when pressure exceeds the effective range, reaching 220 bar.



PT660

BRAKE SYSTEM PRESSURE TESTER



High-precision
Sensor



One-button
Atmospheric
Pressure Calibration



Various Units
Available



Automatic
OFF



Intelligent
Alarm



PT660

Operating
Voltage

6V (4AAA 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



- Specifically designed for cylinder pressure testing.
- Capable of simultaneously observing 6 sets of pressure data at different times within the same measurement cycle, enabling intuitive assessment of cylinder tightness conditions.
- Allows for the simultaneous observation of pressure values for up to 6 cylinders within one cycle, facilitating direct comparison of pressure differentials among the 6 cylinders to promptly identify cylinder issues.
- Utilizes high-precision sensors.
- Integrated temperature sensor for accurately determining the environment temperature during measurements.
- Equipped with various fittings made of riveted copper material, ensuring high hardness, wear resistance, and oxidation resistance.
- Supports switching between 3 pressure units.
- Comes with a toolbox.

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



- Specifically designed for engine oil circulation system pressure testing.
- Capable to observe pressure fluctuations to intuitively assess the presence of blockages, leaks, and other adverse conditions within the engine oil circulation system.
- Utilizes high-precision sensors.
- Equipped with various fittings made of riveted copper material, ensuring high hardness, wear resistance, and oxidation resistance.
- Features a 2.8-inch high-definition backlit display.
- Supports switching between 3 pressure units.
- Comes with a toolbox.

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



- Specifically designed for fuel circulation system pressure testing.
- Visualizes the current pressure, maximum pressure, minimum pressure, and pressure differentials of the fuel circulation system.
- Utilizes high-precision sensors.
- Equipped with various fittings made of riveted copper material, ensuring high hardness, wear resistance, and oxidation resistance.
- Features a 2.8-inch high-definition backlit display.
- Supports switching between 3 pressure units.
- Comes with a toolbox.

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)



- Compared to the standard version, this high-end version comes with a wider range of adapters, allowing compatibility with more vehicle models.
- Specifically designed for fuel circulation system pressure testing.
- Visualizes fuel temperature, aiding in the assessment of the fuel circulation system's status based on the temperature of fuel pipelines.
- Visualizes the current pressure, maximum pressure, minimum pressure, and pressure differentials of the fuel circulation system.
- Integrated temperature sensor for accurately determining the environment temperature during measurements.
- Utilizes a digital measuring system, offering high measurement accuracy.
- Fittings made of riveted copper material ensure high hardness, wear resistance, and oxidation resistance.
- Supports switching between 3 pressure units and 2 temperature units.
- Comes with a toolbox.

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



- With a maximum pressure range of up to 360 bar, it is designed specifically for testing the pressure of GDI (Gasoline Direct Injection) fuel injectors.
- Visualizes the current pressure, maximum pressure, minimum pressure, and pressure differentials of the fuel injectors.
- Utilizes a digital measurement system.
- Supports switching between 3 pressure units.
- Comes with a toolbox.

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



- Specifically designed digital pressure gauge for transmission pressure testing.
- Visualizes the current pressure, maximum pressure, minimum pressure, and pressure differentials of the transmission.
- Intuitively assesses whether the transmission is operating properly and quickly identifies issues with the transmission system.
- Utilizes high-precision sensors for high measurement accuracy.
- Equipped with various fittings made of riveted copper material, ensuring high hardness, wear resistance, and oxidation resistance.
- Supports switching between 3 pressure units.
- Comes with a toolbox.

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 pressure can be intuitively displayed.
- High-precision pressure sensor: wide measurement range, high accuracy, fast response.
- Expanded measurement range from -1 to +3 bar.
- Supports versatile usage scenarios: facilitates pressure measurement for non-corrosive oil, water, air, and natural gas pipeline.
- Data holding, zeroing, and recording with storage for 29 data sets.
- Switchable between 10 measurement units.
- It can simultaneously measure and display positive pressure, negative pressure, and differential pressure values.
- Equipped with a magnet on the back for hands-free operation by attaching to ferrous parts of vehicles.
- Designed with top illumination and glow-in-the-dark buttons for easy operation in low-light conditions.

- Dual-channel pressure can be intuitively displayed.
- High-precision pressure sensor: wide measurement range, high accuracy, fast response.
- Expanded measurement range from -1 to +2 bar.
- Data holding, zeroing, and recording with storage for 29 data sets.
- Switchable between 10 measurement units.
- It can simultaneously measure and display positive pressure, negative pressure, and differential pressure values.

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 (4AAAbatteries)	-100~200Kpa	±0.3%FS	0.1hpa, 0.01Kpa	hPa, Torr, mbar, inHg, mmHg, inH2O, mmH2O, psi, Kpa, kg/cm ²²
PT530	6V (4AAAbatteries)	-100~300Kpa	±0.25%FS	0.1hpa, 0.01Kpa	



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

- Intelligent identification: detection will not commence if the initial brake oil temperature exceeds 50°C.
- Overheat protection: detection automatically halts when the temperature exceeds the brake fluid's dry boiling point by 5°C.
- Dry burn protection: detection automatically ceases if the oil temperature rises too quickly.
- Dual-mode selection: standard mode and brand mode. Standard mode is suitable for DOT3/DOT4/DOT5.1/ENV6 conventional types of brake fluid. Brand mode is compatible with 14 brands such as ATE/TRW/BOSCH/MOBIL of brake fluid.
- Simple operation and fast detection speed; results can be measured in 16 seconds.
- Provides corresponding boiling point reference values based on the type of brake fluid.
- Equipped with reverse connection protection.

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



- It is dedicated to evaluating the quality of brake fluid, primarily focusing on measuring the water content in brake fluid.
- Dual-mode selection: Standard mode and Expert mode
Standard mode is suitable for conventional types of brake fluid DOT3/ DOT4/DOT5.1, Expert mode is suitable for 12 brands of brake fluid such as MOTUL/ATE/BOSCH/TRW.
- New boosted rapid testing technology, for more precise measurement results.
- Embedded with high-sensitivity sensor probe, with the hose exterior made of stainless steel material.
- 2.8-inch backlight display screen, making reading easier.
- Equipped with a flexible gooseneck tube to fix the bending angle, providing better protection for internal pipelines and wiring.

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



- It is dedicated for evaluating the quality of lubricant oil, primarily focusing on detecting impurities in the lubricant oil.
- Dual-mode selection, gasoline engine mode & diesel engine mode, suitable for most gasoline and diesel engine lubricant oils on the market.
- Integrated with a high-precision photoelectric transceiver sensor probe, for more precise measurement results.
- Integrated temperature sensor, for more convenient determination of the engine's working condition.
- Test probe total length 800mm, with the hose made of Teflon material, oil-resistant, corrosion-resistant, and anti-oxidation.
- 2.8-inch backlight display screen, making reading easier.

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



- Specifically for evaluating the quality of transmission fluid, primarily focusing on detecting impurities in the transmission fluid.
- Integrated with high-precision photoelectric sensor detection probes, ensuring more accurate measurement results.
- Utilizes big data algorithms to analyze and assess the degree of contamination in transmission fluid, accurately determining the presence of impurities in the transmission fluid.
- Integrated temperature sensor, for more convenient determination of the engine's working condition.
- Test probe total length 800mm, with the hose made of Teflon material, oil-resistant, corrosion-resistant, and anti-oxidation.
- 2.8-inch backlight display screen, making reading easier.

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



- Specialized in evaluating the quality of power steering fluid, primarily detecting impurities within.
- Integrated with high-precision photoelectric sensor probes for more accurate measurement results.
- Utilizes big data algorithms to analyze varying degrees of contamination in power steering fluid, precisely determining impurity levels.
- Equipped with a temperature sensor for convenient assessment of power steering system operation.
- The testing probe has a total length of 800mm, with the hose constructed from PTFE material for oil resistance, corrosion resistance, and oxidation resistance.
- Features a 2.8-inch backlit display screen for effortless reading.

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 AUTOTool 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.



- Leakage monitoring: just remove the negative pole of the circuit or component under test and connect it to the leakage detection clip.
- 5 Major Testing Functions: Battery Test, Cranking Test, Charging Test, Load Test, Leakage Current Monitoring.
- Voltage Testing Range: 8~30V, suitable for trucks, cars, motorcycles, etc.
- 3.2-inch Color Display Screen.
- Supports data review with built-in thermal printer for printing test data.
- Compatible with CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB testing standards.
- Reverse polarity protection design for safer testing.
- Capable of testing 12V/24V conventional lead-acid batteries, AGM flat plate batteries, AGM spiral batteries, GEL batteries, EFB enhanced flooded batteries.
- Comes with a portable toolbox for convenient storage & transport.



BT880

BATTERY SYSTEM TESTER



Battery Test



Start Test



Charging Test



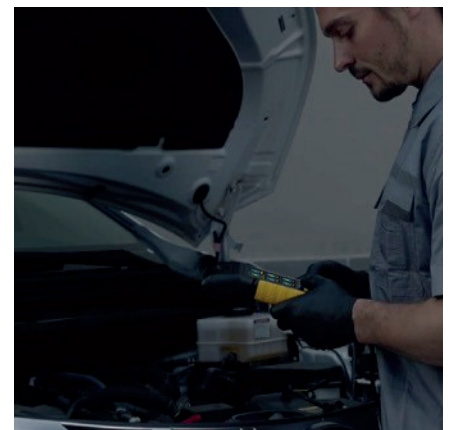
Load Test



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



- Simple operation and quick testing.
- 3 Major Test Functions:
Battery Test, Cranking Test, Charging Test.
- Voltage Testing Range 8~30V, suitable for trucks, cars, motorcycles, etc.
- Compatible with CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB testing standards.
- Reverse Polarity Protection Design, ensuring safer testing.
- Capable of testing 12V/24V conventional lead-acid batteries, AGM flat plate batteries, AGM spiral batteries, GEL batteries, EFB enhanced flooded batteries.

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

BT460



- Enhanced functionality with comprehensive load testing.
- 4 major testing functions:
battery test, cranking test, charging test, load test.
- Voltage testing range: 6~30V, suitable for trucks, cars, motorcycles, etc.
- 2.8-inch color display screen.
- Compatible with CCA, DIN, IEC, EN, SAE testing standards.
- Reverse polarity protection design for safer testing.
- Capable of testing 12V/24V conventional lead-acid batteries, AGM flat plate batteries, AGM spiral batteries, GEL batteries, EFB enhanced flooded batteries.

Voltage Testing Range	6~30V
Testing Standards Range	30~1700 CCA
Data Printing Function	x
Screen Size	2.8-inch Color Display
Main Unit Dimensions	150x80x30mm

BT760



- 3.2-inch color display screen.
- Built-in thermal printer for printing data.
- 4 major testing functions:
battery test, cranking test, charging test, load test.
- Voltage testing range: 8~30V, suitable for trucks, cars, motorcycles, etc.
- Compatible with CCA, DIN, IEC, EN, SAE testing standards.
- Reverse polarity protection design for safer testing.
- Capable of testing 12V/24V conventional lead-acid batteries, AGM flat plate batteries, AGM spiral batteries, GEL batteries, EFB enhanced flooded batteries.
- Comes with a portable toolkit for convenient storage and transport.

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



- Supports lithium battery testing function, capable of testing up to 72V lithium batteries.
- Voltage testing range: 0~90V, suitable for trucks, cars, motorcycles, electric bicycles, etc.
- 3.2-inch color display screen.
- Built-in thermal printer for printing data.
- Reverse polarity protection design for safer testing.
- Capable of testing 12~72V conventional lead-acid batteries, AGM flat plate batteries, AGM spiral batteries, GEL batteries, EFB enhanced flooded batteries.
- 6 major testing functions:
battery test, cranking test, charging test, load test, voltage measurement, and current measurement.
- Comes with a portable toolkit for convenient storage and transport.

Voltage Testing Range	0~90V
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.



- Intelligent Recognition, voltage testing, resistance testing, positive and negative polarity testing.
- Equipped with a digital intelligent multimeter, capable of continuously testing vehicle circuits or components.
- Oscilloscope mode, capable of displaying parameter waveforms of tested components, such as voltage, frequency, time, etc.
- Component activation function designed to generate activation signals to tested components, such as activation lights, motors, and other vehicle electrical tools.
- Can set 0-5V output voltage for verifying the wiring conditions of tested components.
- Capable of outputting pulse signals to fuel injectors, providing 4 different pulse modes.
- Dual automatic circuit protection: automatic short circuit protection, fuse protection.
- Equipped with an 8m extra-long power cord, which can cover most models.



BT280

ELECTRICAL CIRCUIT SYSTEM TESTER



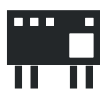
Intelligent
Recognition



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	1~200 K Ω	0~18A	18A	0~5V	2.4-inch color display	8m

BT210

POWER CIRCUIT TESTER



- Temperature testing can assist in determining whether there is an overload or a short circuit.
- Four testing modes: voltage testing, continuity testing, positive & negative polarity testing, and temperature testing.
- Suitable for 9~30V DC, with overload protection activated when the measured voltage exceeds 30V or the measured current exceeds 10A.
- Features a compact integrated handheld design for easy portability.
- Clear display screen for intuitive data presentation.
- Lighting function: After the tester is powered on, the lighting is turned on by default. Short press the lighting button on the tester to turn on or off the lighting near the probe.

BT250

ELECTRICAL CIRCUITS SYSTEM TESTER



- Four measurement modes: DC/AC voltage, DC/AC current measurement, resistance measurement, diode measurement.
- Red/Green polarity indicator lights design, capable of identifying circuit polarity, short circuits, or open circuits.
- LCD high-definition color display screen.
- Compact and ergonomic body design, providing better ergonomics with an integrated body.
- No additional batteries required, only needs to be connected to the car battery to start working.
- Built-in LED flashlight provides illumination for confined spaces in vehicles, allowing circuit testing to be completed smoothly even in dark environments.
- Automatic circuit protection when the current exceeds 16A.

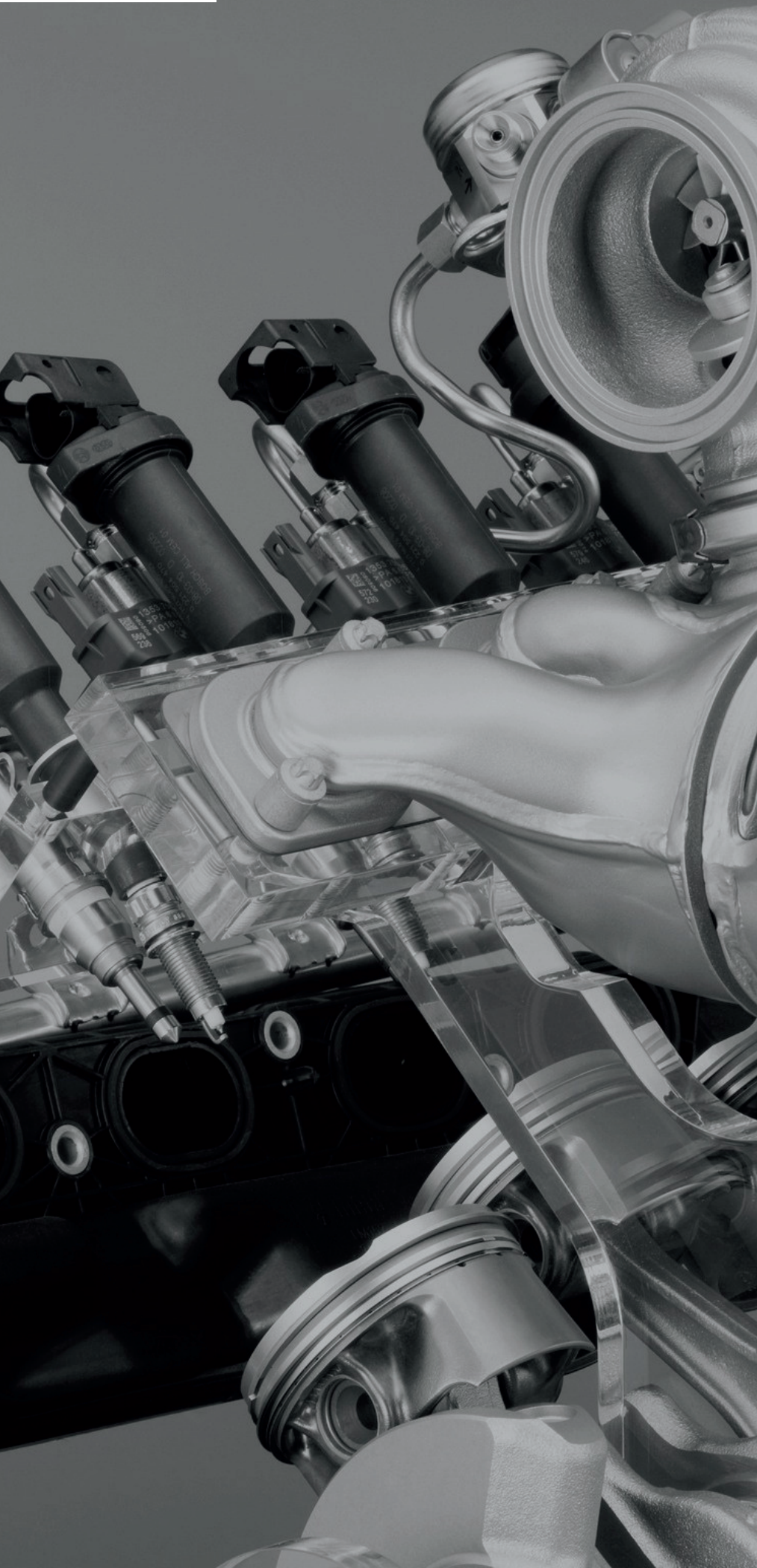
BT260

ELECTRICAL CIRCUITS SYSTEM TESTER



- Four measurement modes: DC/AC voltage, DC/AC current measurement, resistance measurement, diode measurement.
- Red/Green polarity indicator lights design, capable of identifying circuit polarity, short circuits, or open circuits.
- LCD high-definition color display screen.
- Compact and ergonomic body design, providing better ergonomics with an integrated body.
- No additional batteries required, only needs to be connected to the car battery to start working.
- Built-in LED flashlight provides illumination for confined spaces in vehicles, allowing circuit testing to be completed smoothly even in dark environments.
- Automatic circuit protection when the current exceeds 16A.
- Equipped with a 12-meter extra-long power cord, which can perfectly cover the entire vehicle for testing.
- Comes with a portable toolkit for convenient storage and transport.

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

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- Supports various types of fuel injectors such as GDI, EFI, FSI, and is also compatible with standard fuel injectors.
- Provides three voltage options for driving GDI fuel injectors: 12V, 70V, and 120V, covering major automotive brands in Europe, America, and Asia.
- Quick-connect adapters specifically for BMW, Mercedes, and other brand models.
- Designed with a large 2000ml cleaning tank for more comprehensive cleaning.
- Portable storage drawer design for convenient storage of various accessories.
- 15 specialized functions for fuel injectors: Ultrasonic Cleaning, Idle-Speed Test, Medium-Speed Test, High-Speed Test, Acceleration Test, Variable Speed Test, Leakage Testing, Idle Spray Value Test, Medium-Speed Spray Value Test, High-Speed Spray Value Test, Reverse Flushing, Non-dismantle Cleaning, Pulse Fuel Injection Test, Wide Pulse Fuel Injection Test, Continuous Injection Test.
- Offers an enhanced visual experience with its colorful LCD display screen.



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



- 12 specific functions:
Ultrasonic Cleaning, Idle-Speed Test, Medium-Speed Test, High-Speed Test, Acceleration Test, Variable Speed Test, Leakage Testing, Idle Spray Value Test, Medium-Speed Spray Value Test, High-Speed Spray Value Test, Reverse Flushing, Non-dismantle Cleaning.
- Equipped with an intelligent control panel, enabling precise settings for working time, working pulse, and adjustable pressure.
- Capable of simultaneously cleaning and testing 4 fuel injectors.
- Supports fuel injector cleaning and testing for both automotive and motorcycle applications.

Supported Injector Types	Ordinary
Engine Cylinder	4-Cylinder
Glass Tube Capacity	140ml
Main Unit Dimensions	300x220x320mm

CT160



- Equipped with a cleaning liquid heating function, which enhances the cleaning effectiveness of fuel injectors.
- 10 specific functions:
Ultrasonic Cleaning, Idle-Speed Test, Medium-Speed Test, High-Speed Test, Acceleration Test, Variable Speed Test, Leakage Testing, Idle Spray Value Test, Medium-Speed Spray Value Test, High-Speed Spray Value Test.
- Equipped with an intelligent control panel, enabling precise settings for working time, working pulse, and adjustable pressure.
- Capable of simultaneously cleaning and testing 4 fuel injectors.
- Supports fuel injector cleaning and testing for both automotive and motorcycle applications.

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

CT200



- Capable of simultaneously cleaning and testing 6 fuel injectors.
- 12 specific functions:
Ultrasonic Cleaning, Idle-Speed Test, Medium-Speed Test, High-Speed Test, Acceleration Test, Variable Speed Test, Leakage Testing, Idle Spray Value Test, Medium-Speed Spray Value Test, High-Speed Spray Value Test, Reverse Flushing, Non-dismantle Cleaning.
- Equipped with an intelligent control panel, enabling precise settings for working time, working pulse, and adjustable pressure.
- Supports fuel injector cleaning and testing for both automotive and motorcycle applications.

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

CT400



- Supports a wide range of fuel injector types, including GDI, EFI, FSI, and ordinary fuel injectors.
- Provides three voltage options (12V, 70V, and 120V) to drive GDI fuel injectors, covering major automotive brands in Europe, America, and Asia.
- Equipped with a portable storage drawer design, facilitating the organization of various accessories.
- 12 specific functions:
Ultrasonic Cleaning, Idle-Speed Test, Medium-Speed Test, High-Speed Test, Acceleration Test, Variable Speed Test, Leakage Testing, Idle Spray Value Test, Medium-Speed Spray Value Test, High-Speed Spray Value Test, Reverse Flushing, Non-dismantle Cleaning.
- Equipped with an intelligent control panel, enabling precise settings for working time, working pulse, and adjustable pressure.
- Capable of simultaneously cleaning and testing 6 fuel injectors.

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.

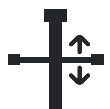


- Intelligent tracking elevation system that automatically adjusts the camera crossbeam height according to target height, enhancing measurement accuracy. It automatically stops when encountering obstacles or people, ensuring both personnel and equipment safety.
- Features a movable work station, with a movable cabinet crossbeam for all-around free movement in measurement, without the need for a specialized wheel alignment work station.
- Dual display screen design, including an additional multi-angle mobile screen, for easier operation by technicians.
- Includes a printer, allowing for immediate printing of test results.
- Other features are consistent with those in the XC503 and XC505 models.



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	10"~23"

XC503 3D WHEEL ALIGNER (BASIC VERSION)

XC505 3D WHEEL ALIGNER (SINGLE DISPLAY WITH CABINET)



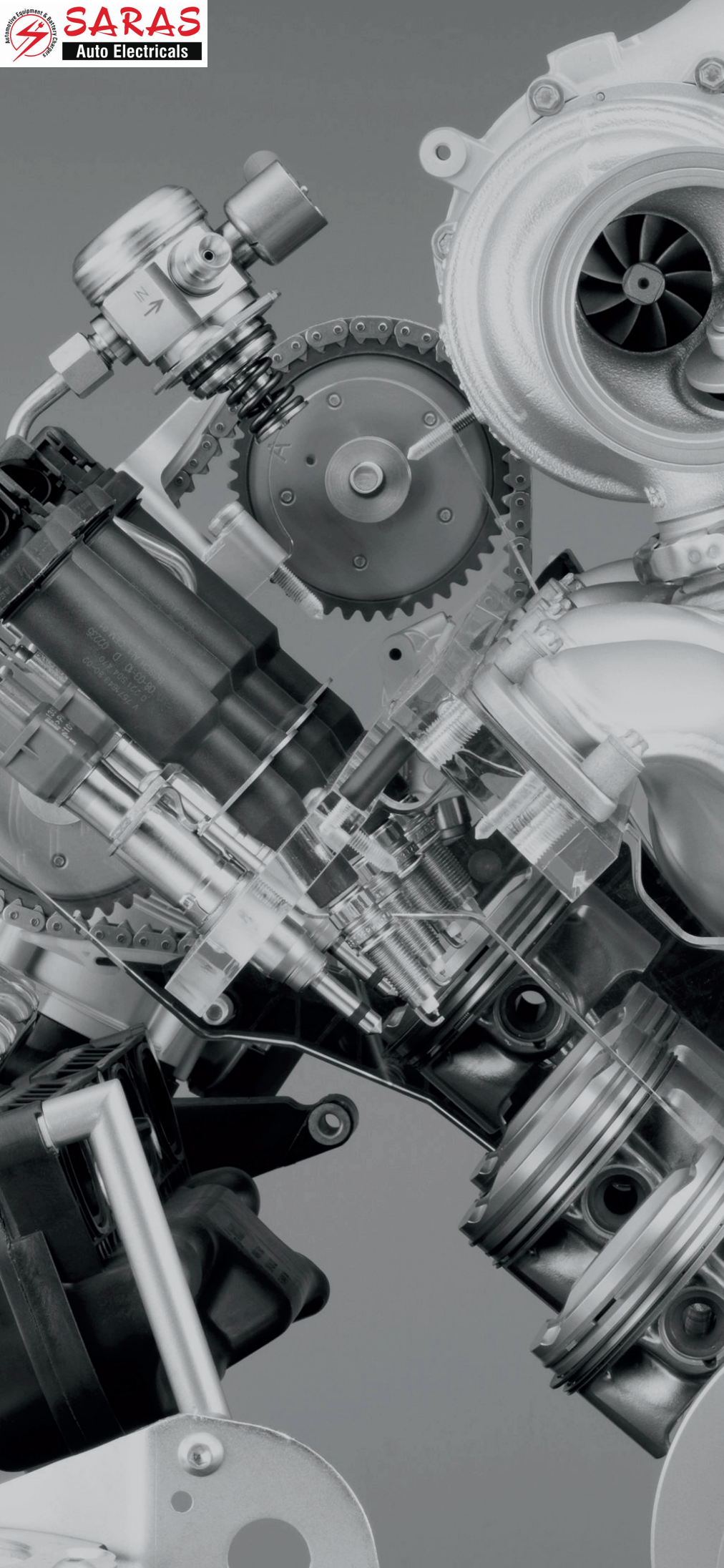
- Utilizes 3D camera measurement technology.
- Features high-precision, waterproof, and drop-resistant targets.
- Boasts a widely global database of vehicle models.
- Includes a comprehensive vehicle size measurement system.
- Offers full voice guidance synchronized with LED intelligent indicators for the measurement process.
- Expert mode provided in the software for simple and time-saving operations.
- Equipped with special functionality for accident vehicle measurement systems.
- Measurement data is traceable and printable.
- Supports various language settings.
- Allows for uninterrupted and adjustable rolling run-out distance, with short rolling requirements.
- Fixed design avoids data anomalies caused by uneven ground.



- Portable cabinet for easy placement around workstations.
- With drawers for easy storage.
- Utilizes 3D camera measurement technology.
- Features high-precision, waterproof, and drop-resistant targets.
- Boasts a widely global database of vehicle models.
- Includes a comprehensive vehicle size measurement system.
- Offers full voice guidance synchronized with LED intelligent indicators for the measurement process.
- Expert mode provided in the software for simple and time-saving operations.
- Equipped with special functionality for accident vehicle measurement systems.
- Measurement data is traceable and printable.
- Supports various language settings.
- Allows for uninterrupted and adjustable rolling run-out distance, with short rolling requirements.

Measurement Technology	Precision	Precision Range	Maximum Test Range
Toe-in	±0.01°	±2°	±20°
Camber Angle	±0.01°	±2°	±20°
SAI/Kingpin	±0.02°	±15°	±20°
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	18.5"Color LCD Display	1920x1080px	Not included	Left-right difference <5mm	10"~23"
XC505	AC110V/220V	18.5"Color LCD Display	1920x1080px	Included	Left-right difference <5mm	10"~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 sparks, enabling fast determination of their condition.

sarasautoelectricals.com

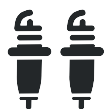


- Five-hole design, 1 standard hole and 4 test holes.
- Comparative testing of 4 spark plugs to be tested and 1 normal spark plug.
- The height of the test hole is adjustable and is compatible with BMW, Volkswagen, Audi and other models with longer spark plug ends, and has wider applicability.
- Simulate engine working status and support engine speed simulation ,with a maximum of 9000rpm.
- Protective cover design for safer operation.
- Simple operation, plug and play.
- LCD digital display.



SPT360

SPARK PLUG TESTER



Comparative Testing



Five-hole Design



Simulate Engine Performance



Support RPM Adjustment



Digital Display



Safety Cover



SPT360

Input Voltage

AC110V/220V

Output Voltage

DC12V

Simulated RPM

200~9000 RPM

Slots

5

Environmental Temperature

0°C~45°C

Main Unit Dimensions

200x118x118mm

SPT105 SPARK PLUG TESTER (2-HOLE)



- Adjustable working frequency to simulate various engine scenarios.
- Capable of testing two spark plugs simultaneously.
- Protective Cover to ensures safe operation during use.
- Simple plug-and-play operation without any complex procedures.

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

SPT301 SPARK PLUG TESTER (3-HOLE)



- Three-hole design, 1 standard hole and 2 test holes.
- Comparative testing of 2 spark plugs to be tested and 1 normal spark plug.
- The height of the test hole is adjustable and is compatible with BMW, Volkswagen, Audi and other models with longer spark plug ends, and has wider applicability.
- Simulate engine working status and support engine speed simulation ,with a maximum of 9000rpm.
- Protective cover design for safer operation.
- Simple operation, plug and play.
- LCD digital display.

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



SMOKE LEAK DETECTOR

The AUTOOL 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 stronger 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.



- Dual detection modes: Air Mode & Smoke Mode.
- Oil level indicator with window observation for timely refilling.
- Drain valve for easy oil handling, saving smoke oil and ensuring accurate control of test oil volume for easy recovery.
- Flow meter for visualizing smoke flow, facilitating real-time adjustments.
- Adjustable knob for regulating smoke output size, while also protecting pipes with low pressure tolerance.
- Pressure gauge for visual pressure readings, enabling intuitive assessment of pipe and engine component leaks.
- Built-in air pump, no need an external air source.
- Suitable for leak detection in pipeline systems of all vehicle models.
- Intelligent control with high-temperature protection.
- Output pressure of 18 psi for increased smoke volume, quickly filling pipelines and locating leaks.



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



- One-button startup, simple and easy to use, making it more suitable for beginners.
- Built-in air pump, no need for an external air source.
- Suitable for leak detection in pipeline systems of all vehicle models.
- Intelligent temperature control with high-temperature protection to prevent dry burning and equipment damage from overheating.
- Fast smoke output speed with large smoke volume.

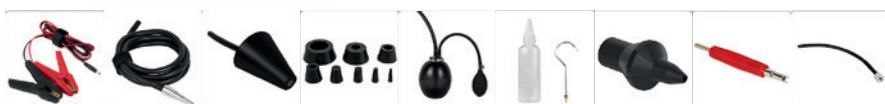


Power Supply	DC12V/5A
Rated Power	50W
Output Flow Rate	<5L/min
Output Pressure	<12psi
Main Unit Size	210x135x110mm

SDT202



- Visual pressure gauge for intuitive assessment of pipeline and engine internal component leaks.
- One-button startup, simple and easy to use, more suitable for beginners.
- Built-in air pump, no need for external air source.
- For leak detection in pipeline systems of all vehicle models.
- Intelligent temperature control, high-temperature protection to prevent dry burning and overheating that may damage the equipment.
- Fast smoke output speed with large smoke volume.



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

SDT203



- Adjustable knob allows for regulating smoke output size while also protecting pipelines with low pressure capacity.
- Flow meter provides visualized flow rates for convenient adjustment at any time.
- Visual pressure gauge displays pressure values, facilitating the intuitive assessment of pipeline and engine internal component leaks.
- Lightweight main unit, only 1.7kg, compact and delicate, yet feature-rich.
- Built-in air pump, no need for an external air source.
- Suitable for leak detection in pipeline systems of all vehicle models.
- Intelligent temperature control with high-temperature protection prevents dry burning and equipment damage from overheating.



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.
- Pressure gauge for more intuitive assessment of pipeline leaks.
- Built-in air pump, no need for an external air source.
- Suitable for leak detection in pipeline systems of all vehicle models.
- Intelligent control with high-temperature protection.
- Fast smoke output speed with large smoke volume.



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.
- Flowmeter provides visualized flow rates for convenient adjustment at any time.
- Adjustable knob allows for regulating smoke output size while also protecting pipelines with low pressure capacity.
- Pressure gauge for more intuitive assessment of pipeline leaks.
- Built-in air pump, no need for an external air source.
- Suitable for leak detection in pipeline systems of all vehicle models.
- Intelligent control with high-temperature protection.
- Fast smoke output speed with large smoke volume.



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

SDT208



- Dual sets of pressure output modes with pressure holding function: High-pressure mode (35psi) & Low-pressure mode (10psi).
- Dual detection modes: Air Mode & Smoke Mode.
- Oil level gauge and oil drain port for accurate control of oil quantity, facilitating test oil recovery.
- Flowmeter provides visualized flow rates for convenient adjustment at any time.
- Adjustable knob allows for regulating smoke output size while also protecting pipelines with low pressure capacity.
- Pressure gauge provides more intuitive assessment of pipeline leaks.
- Built-in air pump, no need for an external air source.
- Intelligent control with high-temperature protection.



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

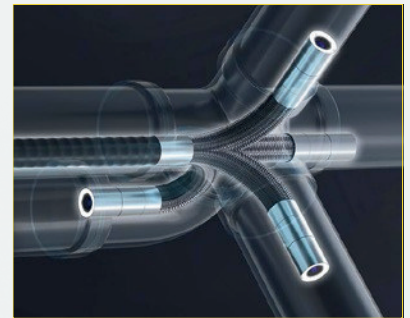


SMART ARTICULATING BORESCOPE

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.



- The lens is controlled by a rocker, allowing 360° steering and four-direction articulating for all-round viewing without blind spots.
- Built-in 2600mAh rechargeable lithium battery, the battery is removable and replaceable.
- With magnetic suction design on the bottom.
- 4.3-inch high-definition display. Screen and grip can be separated.
- 1080P HD camera supporting one-click photo and video.
- Camera equipped with 6 LED lights and supports 3 levels of brightness adjustment.
- The lens is IP67 waterproof.
- Built-in 32GB memory card.



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



- Two-way 210° articulating camera lens for comprehensive, dead-angle-free viewing.
- 1080P HD camera for ultra-clear imaging.
- One-touch photo and video capture.
- IP67-rated waterproof design for the lens.
- Compatible with Android/iOS smartphones and computers, ensuring strong compatibility.
- Camera equipped with 6 LED lights, supporting 3-level brightness adjustment.
- Built-in 2000mAh rechargeable lithium battery, offering up to 3 hours of continuous operation.

SVB303

FOUR-WAY ARTICULATING BORESCOPE



- The lens is controlled by a rocker, allowing 360° steering and four-direction articulating for all-round viewing without blind spots.
- 1080P HD camera for ultra-clear imaging.
- One-touch photo and video capture.
- Camera equipped with 6 LED lights, supporting 3-level brightness adjustment.
- Compatible with Android/iOS smartphones and computers, ensuring strong compatibility.
- IP67-rated waterproof design for the lens.
- Built-in 2600mAh rechargeable lithium battery, the battery is removable and replaceable.
- With magnetic suction design on the bottom.

SVB305

ARTICULATING VIDEO BORESCOPE



- 5-inch HD display screen.
- Two-way 210° articulating camera lens for comprehensive, dead-angle-free viewing.
- 1080P HD camera for ultra-clear imaging.
- One-touch photo and video capture.
- Camera equipped with 6 LED lights, supporting 3-level brightness adjustment.
- IP67-rated waterproof design for the lens.
- Built-in 3000mAh rechargeable lithium battery, offering up to 3 hours of continuous operation.
- Built-in 32GB memory card.

	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	3000mAh	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



TN201
DIGITAL SOUND LEVEL METER



TE301
DIGITAL LIGHT METER



TR401
DIGITAL ANEMOMETER

	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	time/second, 8 times/second	IP40
TE301	0~200000Lux, 0~20000Fc	1Lux	±3%rdg±10dgt	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

ND100 AIR QUALITY MONITOR



Operating Temperature		0~80°C
Carbon Dioxide Measurement Range		400~5000PPM
Formaldehyde Measurement Range		0.000~2.0mg/m3
TVOC Measurement Range Power		0.000~5.0mg/m3
Supply		4 AAA Batteries / Type-C 5V/1A
TVOC Pollution Level	≤0.2mg/m³	Good
	≤0.6mg/m₃	Mild Pollution
	>0.6mg/m₃	Severe Pollution
Formaldehyde Pollution Level	≤0.1 mg/m³	Good
	≤0.6 mg/m₃	Mild Pollution
	>0.6 mg/m₃	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



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



Radiation Detection	Gamma(Y), X-rays
Detector	Energy-compensated GM tube(Geiger counter)
Measuring Range	Dose equivalent rate: 0.01~999.99uSv/h
Relative Inherent Error	Cumulative dose equivalent: 0.01uSv~500.0mSv
Sensitivity	≤±15% (137CS 1mSv/h)
Dose Units	80CPM/uSv/h (for Co-60)
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.



- Intelligent Control System: Features a smart program control and menu structure, offering more intuitive test results.
- Integrated High-Precision Pressure Sensor: Comes with temperature compensation for more accurate measurement results.
- Built-in Data for 95 Types of Refrigerants.
- Equipped with a temperature clamp, it can measure the temperature of high and low-pressure pipes, determining the condition of the air conditioning system more comprehensively.
- Three Modes of Operation: Offers refrigeration detection, leak detection, and vacuuming modes.
- Automatic Conversion: Provides automatic conversion between different pressure units, vacuum units, and temperature units.
- Equipped with a 2.8-inch dot matrix screen with backlit.
- The handheld portion features a silicone substrate for a tactile and comfortable grip, allowing for easy one-handed operation. It is lightweight and designed for convenience, with a rear hook for effortless hanging.



LM160

SMART DIGITAL MANIFOLD KIT



Evacuation Mode



Refrigerant Mode



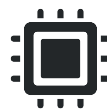
Pressure Leak Test



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	Micron, hPa, mbar, mTorr, 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



- Live Digital Display Mode: Digitally displays the current temperature in real time.
- Live Temperature Waveform Mode: Shows the live temperature/time curve.
- Storage Capacity: Capable of storing up to 8 sets of waveform data, each lasting 150 seconds, while also facilitating easy browsing through historical waveform records.
- Extra-Wide Measurement Range: Can measure temperatures ranging from -50~260°C(-58~500°F).
- Adjustable Screen Brightness.

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

LM100 SMART DIGITAL VACUUM GAUGE



- Integrated High-Precision Pressure Sensor: With a range reduced to 0-2Bar, it further improves measurement accuracy.
- Two Modes: Leak detection and vacuuming.
- Can connect with LM130 for high-precision data measurement.
- 3-Inch LCD Backlit Display.
- The handheld part has a silicone lining, offering excellent texture and feel.
- The lightweight design allows for easy one-handed operation, and the back hook design adds to the convenience.

Operating Voltage	6V (4 AAA batteries)
Temperature Units	°C, °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	±0.2% of full range

LM130 SMART DIGITAL MANIFOLD KIT



- Integrated High-Precision Pressure Sensor: Range narrowed to 0-60Bar for increased accuracy.
- Three Modes: Refrigeration detection, leak detection, and vacuuming.
- Data Connection with LM100 Gauge: Can connect with LM100 Vacuum gauge for high-precision data measurement.
- 3-Inch LCD Backlit Display.
- The handheld part is lined with silicone, offering a quality feel and excellent comfort. The lightweight and one-hand operation design, combined with a back hook, makes it convenient to use.
- Built-in Data for 7 Types of Refrigerants.

Operating Voltage Pressure	6V (4 AAA batteries)
Units	psi, MPa, bar
Vacuum Units	Micron, mTorr, 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

LM180 SMART DIGITAL MANIFOLD KIT



- Intelligent Control System: Features a smart program control and menu structure, offering more intuitive test results.
- Integrated high-precision pressure sensor with built-in temperature compensation for more accurate measurement results.
- Support Bluetooth connection. Real-time display of measurement data on the phone.
- Five modes to switch: refrigeration detection mode, vacuum mode, pressure leak test mode, compressor test mode, temperature difference mode.
- With automatic conversion of pressure units, vacuum units, and temperature units.
- With a 4-inch large display, the test parameters are clear at a glance.
- Made of silicone substrate, the handheld part is full of texture and has excellent hand feel, it is lightweight and can be easily operated with one hand. The hook design on the back is labor-saving and convenient.
- Built-in 92 kinds of refrigerant data.

Operating Voltage	7.5V (5 AA batteries)
Pressure Units	psi, kPa, MPa, bar, kg/cm², inHg
Vacuum Units	Micron, hPa, mbar, mTorr, 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



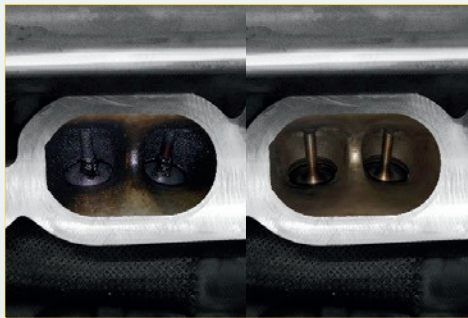
WALNUT SAND DE-CARBON CLEANER

The AUTOOL Walnut Sand De-Carbon Cleaning Machine utilizes physically harmless walnut sand cleaning technology and serves as an efficient and non-damaging engine carbon cleaning expert. Through high-pressure airflow, walnut sand is sprayed into the engine's intake manifold. The high-pressure, high-speed walnut sand particles tumble and strike within the closed intake manifold, forming a continuously spraying and sucking closed loop. 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.

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- Equipped with a powerful 1500W motor for strong suction.
- Utilizes walnut sand particles for physically harmless cleaning.
- Incorporates a filter to separate carbon deposits from sand particles, facilitating sand recovery and reuse.
- Dual mode selection: Recovery mode and Filling mode.
- Pressure gauge included, with adjustable output pressure.
- External air supply for powerful and effective sandblasting, ensuring superior cleaning results.
- Comes with various shaped adapters to meet the needs of different vehicle models.



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
1500W	0.02MPa	AC 110V/220V	< 300L/min	50/60HZ	20L	25KG

HTS559

HTS518

HTS678



- Utilizes walnut sand particles for physically harmless cleaning, ensuring environmental safety.
- External air supply for powerful sandblasting, enhancing cleaning effectiveness.
- Deep carbon deposit removal: Thoroughly removes high-viscosity carbon deposits on the intake manifold and intake/exhaust valves.
- Equipped with various shaped adapters to meet the requirements of different vehicle models.
- Incorporates a filter to separate carbon deposits from sand particles, facilitating sand recovery and reuse.

- Utilizes walnut sand particles for physically harmless cleaning, ensuring environmental safety.
- External air supply for powerful sandblasting, enhancing cleaning effectiveness.
- Equipped with various shaped adapters to meet the requirements of different vehicle models.
- Incorporates a filter to separate carbon deposits from sand particles, facilitating sand recovery and reuse.
- Dual-mode selection: High-speed mode and low-speed mode to meet different operational needs.
- Back storage box design with a three-stage telescopic pull rod design.

- Equipped with a 1800W high-power motor for strong suction.
- Dual-mode selection: Standard mode and Expert mode to meet different operational needs.
- Configured with a pressure gauge, allowing adjustable output pressure.
- Utilizes walnut sand particles for physically harmless cleaning, ensuring environmental safety.
- Incorporates a filter to separate carbon deposits from sand particles, facilitating sand recovery and reuse.
- External air supply for powerful sandblasting, enhancing cleaning effectiveness.
- Equipped with various shaped adapters to meet the requirements of different vehicle models.

	Rated Power	Storage Tank	Pressure Display	Pressure Setting	Vacuum Suction	Rated Voltage	Air Rate	Flow	Rated Frequency	Machine Capacity	Product Weight
HTS559	1200W	×	×	×	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	1800W	√	√	Pressure knob adjustment	0.02MPa	AC 110V/220V	< 300L/min		50/60HZ	10L	52KG



DRY ICE BLASTING MACHINE

The AUTOOL DryIce 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.

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- Equipped with dual pressure gauges for monitoring inlet and outlet pressure.
- Utilizes dry ice particles for effective and safe cleaning without any residue.
- Adjustable ice feeding rate.
- External air source with high-pressure air blasting, enhancing cleaning efficiency.
- Adapts to various shaped gun pipes, fulfilling different cleaning needs.
- Features an inbuilt filter and ice-splitting design to prevent ice clogging.
- Broad applications, suitable for cleaning engine cylinder carbon deposits, valve carbon deposits, intake manifold carbon deposits, catalytic converter unclogging and cleaning, and mud and dirt cleaning on fuel and new energy vehicle undercarriages, wheel hubs, etc.



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



- Small size and easy to carry.
- Utilizes dry ice particle for effective cleaning with safety and no residue.
- External air source with high-pressure air blasting for enhanced cleaning efficiency.
- Adapts to various shaped gun pipes to meet different cleaning needs.
- Inbuilt filter and ice-splitting design to prevent ice clogging.
- Adjustable ice feeding rate.
- Versatile applications, including cleaning engine cylinder carbon deposits, valve carbon deposits, intake manifold carbon deposits, catalytic converter unclogging and cleaning, and mud and dirt cleaning on fuel vehicles and new energy vehicle undercarriages, wheel hubs, etc.

- Allows for more dry ice to be loaded, reducing the frequency of dry ice refills.
- Utilizes dry ice particle for effective cleaning with safety and no residue.
- External air source with high-pressure air blasting for enhanced cleaning efficiency.
- Adapts to various shaped gun pipes to meet different cleaning needs.
- Inbuilt filter and ice-splitting design to prevent ice clogging.
- Adjustable ice feeding rate.
- Versatile applications, including cleaning engine cylinder carbon deposits, valve carbon deposits, intake manifold carbon deposits, catalytic converter unclogging and cleaning, and mud and dirt cleaning on fuel vehicles and new energy vehicle undercarriages, wheel hubs, etc.

	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	>1~3m³/min	0.3~1.0Mpa	3mm, can use small ice blocks	0~3.2KG/min	45KG
HTS708	AC 110V/220V	7.5kg	>1~3m³/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.

- Provides adjustable stabilized power supply, with a maximum effective current of 150A.
- Assists in programming or decoding Automotive Electronic Control Units (ECU).
- Supports charging and repair of various types of batteries, with automatic adjustment of voltage and current during operation.
- The device can provide a starting current of 400A, effortlessly starting car engines up to 5.0L in displacement.
- Includes protection against reverse connection, low voltage, overheating, overcharging, and short circuit.
- Equipped with a 2.8-inch HD color screen.



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



- Charging current supports up to 12V/40A and 24V/20A.
- IGBT control technology.
- Charging Lead-Acid Batteries (Regular, AGM, GEL, EFB, etc.).
- Charging Lithium Iron Phosphate / Ternary Lithium Batteries.
- Fast charging.
- Battery repair.
- Constant voltage and current.
- protection functions such as alarm for Unconnected batteries, overload, overheat, Overcharge, short circuit, reverse polarity, etc.
- 2.8-Inch TFT color screen.

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



- Charging current supports up to 12V/70A and 24V/30A.
- Support charging of Lithium Iron Phosphate / Ternary Lithium Batteries.
- IGBT control technology.
- Charging Lead-Acid Batteries (Regular, AGM, GEL, EFB, etc.).
- Fast charging, battery repair.
- Constant voltage and constant current.
- 5-inch TFT color screen.
- Protection functions such as battery not connected alarm, overload, overheat, overcharge, short circuit, reverse polarity, etc.

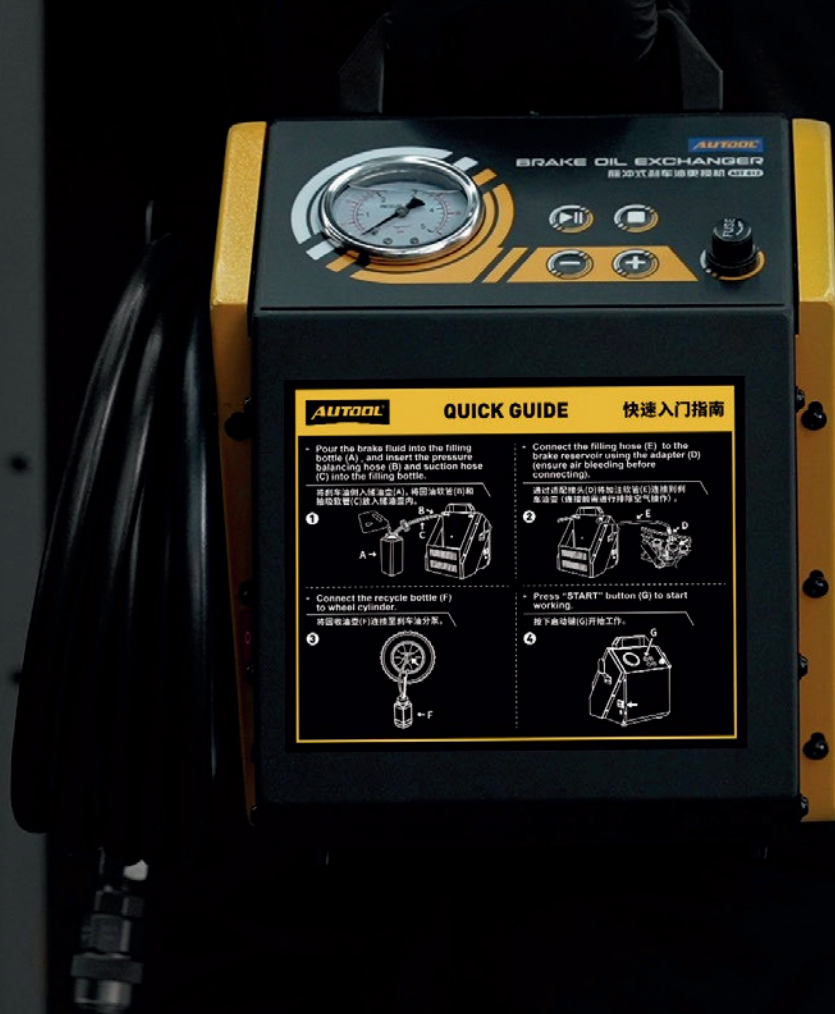
Charging of Lithium Batteries			Lithium Iron Phosphate / Ternary Lithium
Output	Voltage	Range	12/24V
Output Current Range			0~70A
Input	Operating	Voltage	90~264V
Power			800W
Display Screen			5 inch Color Screen
Charging Cable Length			2m
Lead-acid Battery Type			AGM/GEL/EFB/Regular

EM650 MULTI-FUNCTIONAL SUPER CHARGER



- Programmed power mode, voltage value of programmed mode adjustable according to different vehicle models (12~14.8V).
- Charging current supports up to 12V/120A and 24V/60A.
- IGBT control technology.
- Charging of Lead-Acid Batteries (Regular, AGM, GEL, EFB, etc.).
- Charging of Lithium Iron Phosphate / Ternary Lithium batteries.
- Fast charging, battery repair.
- Constant voltage and constant current .
- Protection functions such as battery not connected alarm, overload, overheat, overcharge, short circuit, reverse polarity, etc.
- 5-inch TFT color screen.

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.



- Can simultaneously exchange brake fluid in four separate pumps.
- Digital control system, allowing precise settings for work time, pulse, and pressure.
- 3L large-capacity oil tank, equipped with a low-oil warning feature.
- Adopts new pulsating fluid exchange technology, high efficiency in fluid replacement.
- Visual pressure gauge, real-time display of working pressure.
- Single-person operation, one-key fluid exchange, time and labor saving.
- User-friendly design with four wheels & a telescoping handle for easy movement.
- Includes 17 types of adapters, suitable for different vehicle models.



AST618

PULSATING BRAKE & CLUTCH BLEEDER



Pulsating Oil
Exchanging



Widely
Use



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 fluid exchange technology, high efficiency in fluid replacement.
- Single-person operation, one-key fluid exchange, time and labor saving.
- Comes with pressure adjustment knob and adjustable output pressure.
- Visual pressure gauge, real-time display of working pressure.
- Equipped with 3 types of adapters, suitable for different car 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

AST609 BRAKE FLUID BLEEDER



- Switchable power supply, convenient to use in multiple scenes.
- Adopts new pulsating fluid exchange technology, high efficiency in fluid replacement.
- Dual pressure modes, standard mode and fast mode, meeting different operational needs.
- All-aluminum alloy anti-corrosion body.
- Single-person operation, one-key fluid exchange, time and labor saving.
- Visual pressure gauge, real-time display of working pressure.
- Equipped with 7 types of adapters, suitable for different car models.

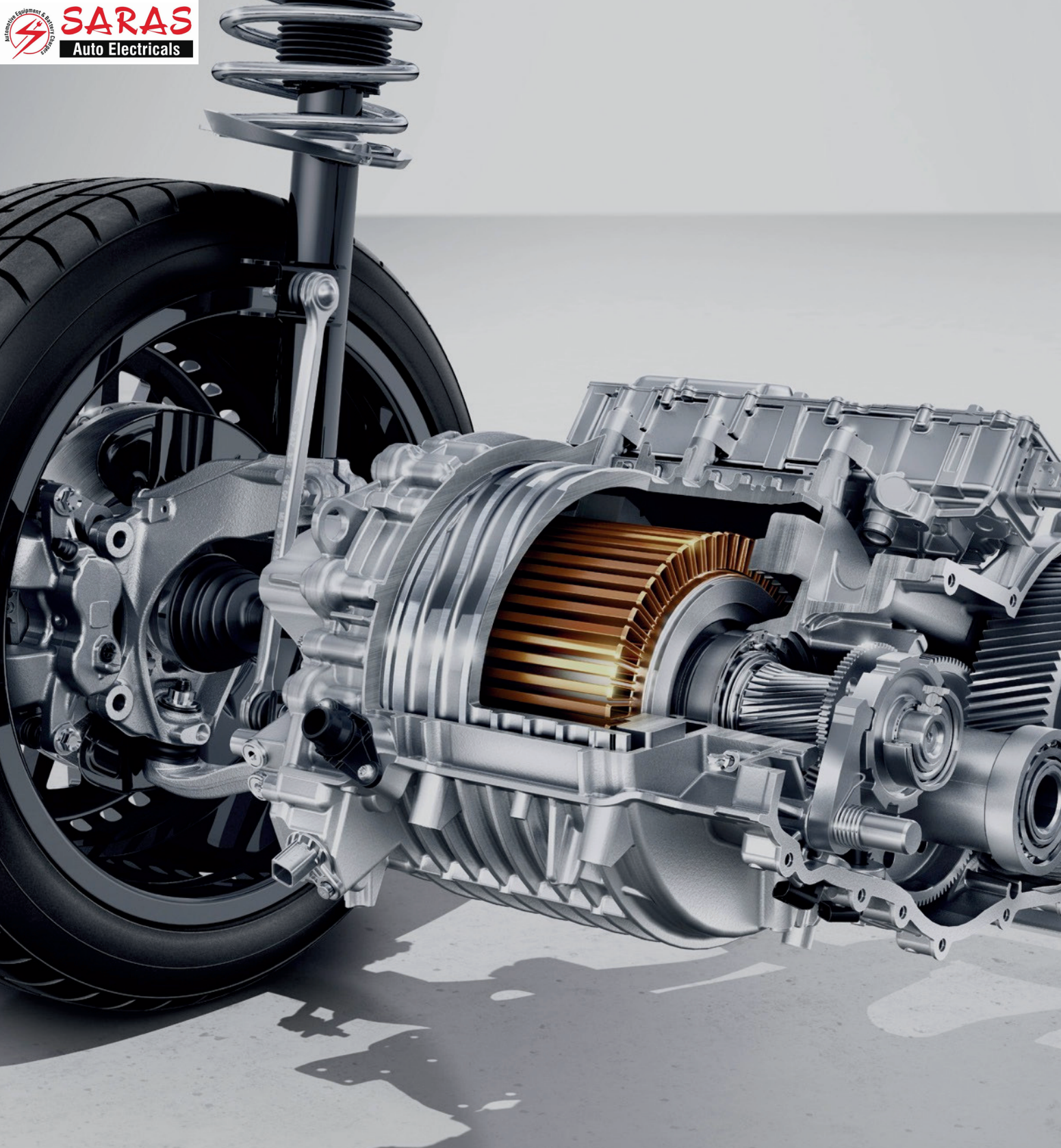
Power Supply	DC 12V/3Aor110V/220V
Brake Fluid Capacity	1L
Operating Pressure	1.5~2.0bar,2.0~2.5bar
Maximum Output Flow Rate	2.6L/min
Adapter Fittings	7 types
Supported Simultaneous Exchange	2 Brake Cylinders

AST612 BRAKE FLUID BLEEDER



- After stopping, the equipment automatically bleed pressure in oil filling tube to prevent splashing.
- Adopts new pulsating fluid exchange technology, high efficiency in fluid replacement.
- Single-person operation, one-key fluid exchange, time and labor saving.
- Comes with pressure adjustment buttons and adjustable output pressure.
- Visual pressure gauge, real-time display of working pressure.
- Equipped with 9 types of adapters, suitable for different car models.

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



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



- Automatic Identification: Recognizes the power supply's positive and negative poles and the direction of the oil flow.
- Eight functional modes:
Six primary operational functions: one-click oil change, cyclic cleaning, equal-volume exchange, new oil addition, old oil recycling, and system settings.
Two prompt functions: new oil drainage and old oil drainage.
- Multiple Special Adapters: Equipped with various specialized adapters for cleaning different models of automatic transmissions.
- Intelligent Control Program: Enables automation in the oil replacement process.
- Built-in Electronic Scale: Allows high-precision equal volume oil replacement.
- Quick Operation: It can complete the transmission oil replacement in 20 minutes, with a replacement rate of over 98%.
- Oil Level Viewing Windows and Pressure Gauge.
- 360-Degree Swivel Casters Design.

ATF702



- Three Major Function Modes: Cleaning mode, Fluid exchange mode, and Fluid extraction mode.
- Quick Operation: It can complete the transmission fluid replacement in 20 minutes, with a replacement rate of over 98%.
- Multiple Special Adapters: Equipped with various specialized adapters for cleaning different models of automatic transmissions.
- Oil Level Viewing Windows.
- Dual Pressure Gauges: Configured with dual pressure gauges to display both output pressure and return oil pressure.
- 360-Degree Swivel Casters Design.

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	x	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.

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- Equipped with corrosion-resistant oil extraction hose of 5 diameters to meet the maintenance needs of various types of vehicles models.
- Utilizes rapid vacuum oil extraction technology, achieving fast vacuum speed and strong negative pressure capability, enabling quick oil extraction in 3 minutes.
- The barrel body is made of 1.5mm thickened material to prevent oil and gas leakage.
- Equipped with a glass oil level gauge for real-time monitoring of oil levels.
- Configured with 360-degree universal casters with locking mechanism, facilitating easy movement of the equipment and providing strong load-bearing capacity.
- Using explosion-proof tempered glass measuring cup with high strength, high-temperature resistance and corrosion resistance, etc. The cup is designed with scale markings, making it easy to observe the oil quality and calculate the oil quantity at a glance.

SPECIFICATIONS OF OIL EXTRACTION HOSES

- ① $\varnothing 5 \times L700\text{mm}$, (Cu) Extraction Speed: 1.9L/min
- ② $\varnothing 6 \times L700\text{mm}$, (Cu) Extraction Speed: 3.7L/min
- ③ $\varnothing 5 \times L700\text{mm}$, (Pvc) Extraction Speed: 1.0L/min
- ④ $\varnothing 6 \times L700\text{mm}$, (Pvc) Extraction Speed: 2.0L/min
- ⑤ $\varnothing 8 \times L700\text{mm}$, (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



- Large-sized oil tray funnel.
- Equipped with a lifting rod adjustment device, allowing adjustable height of the oil tray funnel.
- The barrel body is made of 1.5mm thickened material to prevent oil and gas leakage.
- The barrel body is equipped with a glass oil level gauge.
- Configured with 360-degree universal casters with locking mechanism, facilitating easy movement of the equipment and providing strong load-bearing capacity.

OD760 PNEUMATIC OIL DRAINER & EXTRACTOR WITH DRAWER



- Equipped with corrosion-resistant oil extraction hose of 5 diameters to meet the maintenance needs of various types of vehicles models.
- Utilizes rapid vacuum oil extraction technology, achieving fast vacuum speed and strong negative pressure capability, enabling quick oil extraction in 3 minutes.
- The barrel body is made of 1.5mm thickened material to prevent oil and gas leakage.
- Equipped with a glass oil level gauge for real-time monitoring of oil levels.
- Configured with 360-degree universal casters with locking mechanism, facilitating easy movement of the equipment and providing strong load-bearing capacity.
- Using explosion-proof tempered glass measuring cup with high strength, high-temperature resistance and corrosion resistance, etc. The cup is designed with scale markings, making it easy to observe the oil quality and calculate the oil quantity at a glance.
- Integrated design of tool cart with multi-layer storage drawers, providing neat and durable storage solution.

	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 AUTOTOL 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.



- Filling mode: cyclic operation of vacuuming and filling.
- Two Working Modes: Leak detection mode and Filling mode.
- Three Vacuum Pressure Options: Allows selection from three levels of vacuum pressure: -35KPa, -40KPa, -45KPa.
- Pressure protection design: Automatically stops after reaching the set pressure during vacuum extraction to prevent damage to the vehicle's cooling system.
- Equipped with three specifications of adapter fittings suitable for various vehicle models.
- Liquid draining design: Allows draining of residual coolant from the machine's internal pipes after use.



SC301

COOLING SYSTEM TESTER & FILLER



Cooling System Vacuum



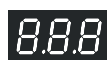
Coolant Filling



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	x	x	x	≤300KG
ROLLING UTILITY CART (Standard)	27.5KG	44x74x100mm	Cold Rolled Steel Plate	√	√	√	≤300KG



T20 / T21

AUTOMOTIVE SERVICE CART

The AUTOOL Automotive Service Cart is a versatile, specialized cart designed to store automotive diagnostic computers, programming power supplies, spare parts, and batteries in one unit. It helps you optimize space and quickly organize essential equipment, making the workstations more tidy and efficient.



T20
(For Brake Fluid Bleeder)



T21
(For Fuel Injector Cleaner & Tester)

T20 / T21

AUTOMOTIVE SERVICE CART



Multi-layer
Storage Design



Sturdy &
Durable



Rust & Corrosion
Resistant



High-quality
Material



360° Rotation
Casters

Layered Storage Design: It includes designated layers for placing laptops, programming power supplies, diagnostic devices, and batteries.

Heavy-Duty Steel Construction: Forged from heavy duty steel, the cart exhibits strong resilience, lasting durability, and resistance to deformation.

Powder Coating Surface: The surface is treated with a powder coating, providing excellent rust and corrosion resistance.

360° Universal Casters: Made from natural rubber, the wheels ensure good noise reduction and minimize floor friction, allowing for easy movement.

Stainless Steel Handrails: The handrails are made from selected stainless steel materials, offering a smooth and shiny appearance that resists corrosion.

Model	T20	T21
Weight	23kg	27.5kg
Dimensions	44x74x100mm	44x74x100mm
Material	Cold Rolled Steel Plate	Cold Rolled Steel Plate
Plate thickness	Bottom plate 3.0mm, Layers 1.5mm, Columns 1.5mm	Bottom plate 3.0mm, Layers 1.5mm, Columns 1.5mm
Load Capacity	≤300kg	≤300kg



T22 / T23 / T25 / T26

ROLLING UTILITY CART

The AUTOOL Rolling Utility Cart is a versatile, specialized cart designed to store automotive diagnostic computers, programming power supplies, spare parts, and batteries in one unit. It helps you optimize space and quickly organize essential equipment, making the workstations more tidy and efficient.



ROLLING UTILITY CART

T22



Multi-layer Storage Design



High-quality Material



Rust & Corrosion Resistant



360° Rotation Casters

T23



Multi-layer Storage Design



High-quality Material



Lockable Drawer



Rotating Lift Workbench

T25



Multi-layer Storage Design



High-quality Material



Rust & Corrosion Resistant



Lockable Drawer

T26



Multi-layer Storage Design



High-quality Material



Sturdy & Durable



Rust & Corrosion Resistant

Layered Storage Design: It includes designated layers for placing laptops, programming power supplies, diagnostic devices, and batteries.

Heavy-Duty Steel Construction: Forged from heavy duty steel, the cart exhibits strong resilience, lasting durability, and resistance to deformation.

Powder Coating Surface: The surface is treated with a powder coating, providing excellent rust and corrosion resistance.

360° Universal Casters: Made from natural rubber, the wheels ensure good noise reduction and minimize floor friction, allowing for easy movement.

Stainless Steel Handrails: The handrails are made from selected stainless steel materials, offering a smooth and shiny appearance that resists corrosion.

Model	T22	T23	T25	T26
Weight	23kg	23kg	27.5kg	27.5kg
Dimensions	44x74x100mm	44x74x100mm	44x74x100mm	44x74x100mm
Material	Cold Rolled Steel Plate			
Plate thickness	Bottom plate 3.0mm, Layers 1.5mm, Columns 1.5mm			
Load Capacity	≤300kg			



ELECTRIC VEHICLE CHARGING STATION

The Electric Vehicle Charging Station Series features American or European Standard Home AC Charging Stations, tailored for efficient AC charging of electric vehicles. Comprising a charging station 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.

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- 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 15-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, 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.

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, 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 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, 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.

AUTOOL PRODUCT- Warranty Terms & Conditions

1. Warranty Period

The AUTOOL machine comes with a **2-year limited warranty** from the date of purchase.

2. Coverage

This warranty covers only manufacturer defects in the machine's internal parts.

If any part is found defective due to company fault during the warranty period, it will be replaced free of cost.

Damaged parts due to misuse, physical damage, water damage, voltage issues, or customer negligence will not be covered under warranty.

3. Repair & Service

For any repair needs, a technical person from the company will visit the customer's location.

Service charges and technician's transportation charges will be borne by the customer.

The warranty only covers the cost of replacement parts, not service or labour charges.

4. Warranty Claim Process

A valid invoice and serial number must be presented to claim warranty.

The company's decision regarding approval or rejection of a warranty claim will be final.

5. Other Conditions

Any unauthorized repairs or modifications will void the warranty.

This warranty is non-transferable and valid only for the original purchaser.

Dealer & Service Support

Available with full technical training, spare parts, and dedicated support from Saras Auto Electricals, official one and only distributor for AUTOOL in India.

