

# PRODUCT CATALOG



2024 ISSUE 1



**LAUNCH**  
**TECH USA**  
CREATE • CHANGE

# **C**ONTENTS

**04**

PROFESSIONAL  
TOOLS

**11**

HD  
SOLUTION

**18**

EV  
TOOLS

**25**

TPMS  
PRODUCTS

**28**

DIY  
PRODUCTS

**33**

INSPECTION

**40**

OTHER  
TOOLS

**48**

IMMO  
PRODUCTS

**53**

X-431  
MODULES

**59**

SMARTLINK  
TOOLS



# WHICH BI-DIRECTIONAL SCANNER IS RIGHT FOR YOU?

## X-431 Throttle III



## X-431 Torque Link



## X-431 Torque 5



## X-431 Turbo III



FULL SYSTEM | OE-LEVEL COVERAGE | TECH 2 TECH  
SMARTLINK REMOTE DIAGNOSIS | SECURITY GATEWAY ACCESS | CODE ASSIST



# X-431 SCAN TOOLS COMPARISON CHART



X-431 Throttle III



X-431 Torque LINK



X-431 Torque 5



X-431 Turbo III

## CONFIGURATION

Touch Screen	13.3"/1920x1080 IPS	10.1"/1280*800	10.1"/1280*800	8"/1280*800
Processor	2.0GHz Octa-core	2.0 GHz 4-core	2.0 GHz 4-core	2.0 GHz 4-core
Memory	8GB	4GB	4GB	4GB
Storage	256GB	128GB	128GB	64GB
Camera	Front 8MP, Rear 13MP	Front 5MP, Rear 8MP	Front 5MP, Rear 8MP	Front 5MP, Rear 8MP
Battery	9360mAh @7.6V/71.1Wh	47.88Wh (7.6 V, 6300mAh)	47.88Wh (7.6 V, 6300mAh)	47.88Wh (7.6 V, 6300mAh)
VCI Connection	2.4GHz & 5GHz dual Wi-Fi	Bluetooth	Bluetooth	Bluetooth
VCI Adaptor	Smartlink C	Smartlink C	DBSCARIX	DBSCARVII
Adjustable Kickstand	•	•	•	•
Non-16pin Connector Kits	•	•	•	•
IP65 Waterproof & Dustproof	•			
Quick Charge Technology	•			

## FEATURES

Vehicle Coverage	1996-Present Passenger cars Medium & Light Duty Vehicles/ Heavy Duty Vehicles (Optional)	1996-Present Passenger cars Medium & Light Duty Vehicles/ Heavy Duty Vehicles (Optional)	1996-Present Passenger cars Medium & Light Duty Vehicles/ Heavy Duty Vehicles (Optional)	1996-Present Passenger cars Medium & Light Duty Vehicles
Operating System	Android™ 9.0	Android™ 10.0	Android™ 10.0	Android™ 10.0
Full System Diagnosis	•	•	•	•
OBD II Full Function	•	•	•	•
Tech 2 Tech Remote Diagnosis	•	•	•	•
Smartlink Remote Diagnosis	•	•		
Auto VIN Identification	•	•	•	•
Internet Updatable	•	•	•	•
Security Gateway Access	•	•	•	•
Code Assist by IDENTIFIX	•	•	•	•
X-431 FIX by Motor	•	•	•	•
Register TPMS Sensor ID	•	•	•	•
VW & AUDI Guided Function	•	•		
CAN FD	•	•	•	•
DoIP	•	•	• *(Need an adaptor)	• *(Need an adaptor)
J2534/RP1210/D-PDU	•	•		

## COMPATIBLE MODULES

X-431 ADAS PRO	•	•	•	•
X-431 ADAS Mobile	•	•	•	•
X-431 ADAS HD	•	•	• *(with HDIII Add-on)	
X-PROG 3 Immobilizer	•	•	•	•
BST360 Battery Tester	•	•	•	•
VSP600 Videoscope	•	•	•	•
HD Add-on Module	•	•	•	
O2-1 Scope Box	•	•	•	•
S2-2 Sensor Box	•	•	•	•

# X-431 THROTTLE III (301180833)

ONE IS ENOUGH

Software Subscription: X-431 PADVII [Gasoline] 1 Year Renewal (301180865)



## FEATURES

- OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- Supports New Age Vehicle Network Protocols – CAN /CANFD/ DoIP / J2534/D-PDU/ RP1210.
- Guided function for VW & AUDI.
- OE-level Bi-directional functionality.
- TECH 2 TECH remote diagnostics and technician collaboration.
- Supports Smartlink Remote Diagnosis. (NEW)
- Auto-detect VIN to access vehicle info within seconds.
- Extra software or other products can be purchased throughout Launch Mall. (NEW)
- OE vehicle approved Security Gateway access by FCA certified. (NEW)
- Code Assist by IDENTIFIX, access most common fixes and repair solutions with corresponding DTC's.
- Supports X-431 Fix repair information, driven by Motor. **MOTOR DRIVEN**
- Monitor the vehicle's voltage in real time during live diagnostics. (NEW)
- Topology module mapping provides a virtual overview of all on board control modules and their communication statuses. (NEW)
- Pin Detection function allows for pin voltage and data rate status of all pins on the OBD Port. (NEW)
- Vehicle health report feature gives comprehensive status on all onboard systems of vehicle.
- Quick Charge Technology (Battery Charges Fully in 2.5 to 3 Hours).
- IP65 Waterproof and Dustproof.
- Supports optional extension modules, ADAS calibration, ADAS HD, Immobilizer, Battery Tester, Videoscope, Scope Box and Sensor Box.

## SPECIFICATIONS (SMARTLINK)



3.5" touch screen



8GB



10°C~50°C  
32°F~122°F



204x110x45 (mm)  
8.03x4.33x1.77 (in)

## SPECIFICATIONS (X-431 THROTTLE III)



Android™ 9.0



2.0GHz Octa-core



13.3" touch screen



256GB



Front 8MP, Rear 13MP



0°C~50°C  
32°F~122°F



8GB



353x221x44.5 (mm)  
12.9x8.7x1.75 (in)



# X-431 TORQUE LINK (321195101)

## NEW INTELLIGENT VEHICLE DIAGNOSTIC DEVICE ADVANCED VEHICLE DIAGNOSIS FUNCTIONALITY

Software Subscription: PIN CARD [Gasoline] 1 Year Renewal (307010011)












The X-431 Torque Link is an Android based advanced intelligent vehicle diagnostic device. It supports full system fault diagnosis, with functions such as Read DTCs, Clear DTCs and more.

## FEATURES

- OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- Supports Communication protocols CAN/CANFD/DoIP and automotive communication standards J2534/D-PDU/RP1210.
- OE-level Bi-directional functionality.
- TECH 2 TECH remote diagnostics and technician collaboration.
- Supports Smartlink Remote Diagnosis. **(NEW)**
- Auto-detect VIN to access vehicle info within seconds.
- Extra software or other products can be purchased throughout Launch Mall. **(NEW)**
- OE vehicle approved Security Gateway access by FCA certified. **(NEW)**
- Code Assist by **IDENTIFIX**, access most common fixes and repair solutions with corresponding DTC's.
- Supports X-431 Fix repair information, driven by Motor. **MOTOR DRIVEN**
- Monitor the vehicle's voltage in real time during live diagnostics. **(NEW)**
- Topology module mapping provides a virtual overview of all on board control modules and their communication statuses. **(NEW)**
- Vehicle health report feature gives comprehensive status on all onboard systems of vehicle.
- Supports optional extension modules, ADAS calibration, ADAS HD, Immobilizer, Battery Tester, Videoscope, Scope Box and Sensor Box.

## SPECIFICATIONS

 Smartlink	 1280*800	 128GB	 4GB
 47.88Wh (7.6V, 6300mAh)	 Android™ 10.0	 Rear 8MP, Front 5MP	 10.1"
 2.0GHz 4-core			



# X-431 TORQUE 5 (301190794)

## ADVANCED VEHICLE DIAGNOSTIC SYSTEM UPGRADED PROFESSIONAL MECHANICAL TOOL

Software Subscription: PIN CARD [Gasoline] 1 Year Renewal (307010011)












The X-431 Torque 5 is an Android Based intelligent diagnostic Scan tool. The Torque 5 features the new DBSCARIX Bluetooth diagnostic hardware which is trifunctional, integrating a 2 channel oscilloscope/ DMM (Digital Multimeter) and OBD Diagnostics. The X-431 Torque 5 is compatible with CANFD/DoIP diagnostic protocols and supports full system diagnosis.

## FEATURES

- OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- Supports Communication protocols DoIP (need adapter)/CAN/CANFD.
- Guided function for VW & AUDI.
- OE-level Bi-directional functionality.
- TECH 2 TECH remote diagnostics and technician collaboration.
- Auto-detect VIN to access vehicle info within seconds.
- Extra software or other products can be purchased throughout Launch Mall. **(NEW)**
- OE vehicle approved Security Gateway access by FCA certified. **(NEW)**
- Code Assist by **IDENTIFIX**, access most common fixes and repair solutions with corresponding DTC's.
- Supports X-431 Fix repair information, driven by Motor. **MOTOR DRIVEN**
- Monitor the vehicle's voltage in real time during live diagnostics. **(NEW)**
- Vehicle health report feature gives comprehensive status on all onboard systems of vehicle.
- Supports optional extension modules, ADAS calibration, ADAS HD, Immobilizer, Battery Tester, Videoscope, Scope Box and Sensor Box.
- Integrated 2-channel oscilloscope and multi-meter functions

## SPECIFICATIONS

 DBSCARVIX	 1280*800	 Android™ 10.0	 2.0GHz 4-core
 4GB	 128GB	 10.1"	 Rear 8MP, Front 5MP
 47.88Wh (7.6 V, 6300mAh)			

# X-431 TURBO III (321195201)

## SMART VEHICLE DIAGNOSTIC SYSTEM FULL-SYSTEM FAULT DIAGNOSIS

Software Subscription: PIN CARD [Gasoline] 1 Year Renewal (307010011)












The X-431 Turbo III is a smart diagnostic system that supports full system diagnosis in addition it is capable of performing battery detection and IMMO functions with an optional add on module.

## FEATURES

- OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- Supports Communication protocols DoIP (need adapter)/CAN/CANFD.
- OE-level Bi-directional functionality.
- TECH 2 TECH remote diagnostics and technician collaboration.
- Auto-detect VIN to access vehicle info within seconds.
- Extra software or other products can be purchased throughout Launch Mall. **(NEW)**
- OE vehicle approved Security Gateway access by FCA certified. **(NEW)**
- Code Assist by **IDENTIFIX**, access most common fixes and repair solutions with corresponding DTC's.
- Supports X-431 Fix repair information, driven by Motor. **MOTOR DRIVEN**
- Monitor the vehicle's voltage in real time during live diagnostics. **(NEW)**
- Vehicle health report feature gives comprehensive status on all onboard systems of vehicle.
- Supports optional extension modules, ADAS calibration, ADAS HD, Immobilizer, Battery Tester, Videoscope, Scope Box and Sensor Box.

## SPECIFICATIONS

 DBSCARV7	 1280*800	 64GB	 4GB
 47.88Wh (7.6V, 6300mAh)	 Android™ 10.0	 Rear 8MP, Front 5MP	 8"
 2.0GHz 4 core			



## X-431 FIX AUTO SOFTWARE



All Launch X-431 Professional Level scan tools now feature the addition of X-431 FIX by Motor. This repair and diagnostic reference database aims the technician during diagnostics to provide information on TSB's (Technical Service Bulletins), flow charts, repair procedures, wiring diagrams and other manufacturer documents. X-431 FIX is available in Automotive and HD.

## SUPPORTED PRODUCTS





# THE BEST HEAVY-DUTY COVERAGE IN THE AFTERMARKET

## X-431 Torque AutoHD Pro



## X-431 Torque HD



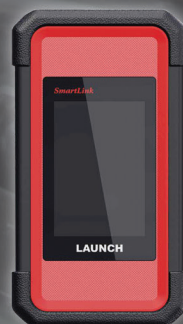
## Millennium HD ProA



## X-431 HD Add On Module



## X-431 Smartlink HD Add On



## X-431 Fix HD



PROFESSIONAL LEVEL FUNCTIONALITY & COMPLETE VEHICLE COVERAGE

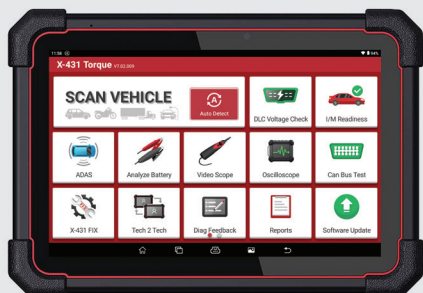


# X-431 TORQUE AUTOHD PRO (301190908)

## NEW HEAVY-DUTY KIT A COMPREHENSIVE AUTOMOTIVE AND HEAVY-DUTY DIAGNOSTIC TOOL

Software Subscription: PIN CARD [Gasoline & Diesel] 1 Year Renewal (307010014)

**NEW!**



- Integrated with new powerful hardware X-431 Torque AutoHD Pro tablet, and Smartlink VCI, maximum the ability to faster diagnosis.
- OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- Read and erase DTCs of light, medium and heavy-duty vehicles [Class 4 through 8].
- Wireless and wired communicates via Bluetooth and USB.
- Works on various systems, including Engine, Transmissions, ABS, and Auxiliary from manufacturers such as Wabco, Bendix, and Allison.
- Supports Cummins, Detroit, Freightliner, Fuso, Hino, International, Isuzu, KW, Peterbilt, Sterling, and Volvo.
- Multilingual menu and data display: English, Spanish, and French.

The X-431 Torque AUTOHD PRO is a diagnostic solution that supports Auto and commercial Heavy Duty Truck Diagnostics. The featured service and calibration functions allow for growing the HD truck segment.

## WHAT'S NEW?

- Optional ADAS calibration application to calibrate LDW, RCW, AVM, NV, BSD and ACC system accurately.
- Guided VW & AUDI functions/OE vehicle approved Security Gateway access by FCA certified. **(NEW)**
- Code Assist by **IDENTIFIX**, access most common fixes and repair solutions with corresponding DTC's. **(NEW)**
- Monitor the vehicle's voltage in real time during live diagnostics. **(NEW)**

## 13 SERVICE FUNCTIONS (HEAVY-DUTY ONLY)

- DPF Regeneration
- Injector Coding
- Reset Service (MIL)
- Maintenance Confirmation
- Injection Quantity Adjustment
- Participate Filter Replacement Reset
- Reset Pressure Differential Sensor
- Reset Pressure Limiting Valve
- Bleeding The Adblue Circuit
- Trip Reset
- VGT Electronic Actuator Installation and Calibration
- Parked SCR Efficiency Test
- DPF Ash Accumulator Reset

## CALIBRATION (HEAVY-DUTY ONLY)

- Idle Speed Adjustment
- Speed Limit
- Cruise Control
- Idle-Stop System
- PTO
- Coolant Level Switch
- Exhaust Brake Valve
- Intake Air Preheating
- Vehicle Speed Controller
- Air Conditioner
- Oil Pressure Sensor
- Electronic Fan
- ABS
- Automatic Transmission

## SPECIFICATIONS (SMARTLINK C HEAVY-DUTY MODULE)

Display	Wi-Fi	Communication	RAM	Storage	Working Voltage	Dimension
3.95", 320*480	2.4GHz/5GHz	Wi-Fi & Bluetooth & Ethernet	256GB	8GB	9V DC-36V DC	200*110*47 (mm)

## SPECIFICATIONS (TORQUE AUTOHD PRO)

Smartlink	1280*800	128GB	4GB
47.88Wh (7.6V, 6300mAh)	Android™ 10.0	Rear 8MP, Front 5MP	10.1"
2.0GHz 4-core			

# X-431 TORQUE HD SMARTLINK VCI (321195001)

## NEW HEAVY-DUTY VEHICLE DIAGNOSTIC KIT HEAVY-DUTY DIAGNOSTIC TOOL WITH ADVANCED FUNCTIONS

Software Subscription: PIN CARD [Diesel] 1 Year Renewal (307010013)



- VIN AUTO-DETECT feature identifies the vehicle application to initialize software platform in seconds.
- Diagnostic functionality allows for reading and clearing DTC's, OE-Level Bi-directional functions, view and monitor live data via graphs, action test, coding, matching and more.
- Tech 2 Tech allows for technicians to remotely collaborate on complex repairs via LAUNCH scan tools or web based platform.
- Real Time Vehicle Voltage feature monitors the vehicles voltage during diagnostics.
- Diagnostic software for HD applications-Cummins, Detroit engine Software,SCANIA, VOLVO, HINO, ISUZU and Mercedes-Benz.
- J560 PLC trailer connector included, allows for ABS indicator check. Supports ABS light test via the driverseat/ ECU protocol.
- Optional Heavy-Duty ADAS calibration allows service shops to enter new revenue streams.
- The LAUNCH Software Mall allows the user to select and purchase modules.

The X-431 Torque HD is a heavy-duty vehicle diagnostic tool, that has the advantage of powerful diagnostic functions and accurate test data, and supports fault diagnosis via Bluetooth. The featured professional and advanced functions are designed to grow your business.

## 4 NEW ADD-ON MODULES



X-PROG 3  
Immobilizer



BST360 Battery  
Test



VSP-600



HD Trailer J560 PLC  
Connector (Included)

## SPECIFICATIONS



Smartlink



1280\*1200



64GB



4GB



47.88Wh (7.6V, 6300 mAh)



Android™ 10.0



Bluetooth or USB



10.1 Touch Screen



2.0GHz Quad-core



Rear 8MP

X-431 Automotive Software Added to Torque HD: (301190893)



# MILLENNIUM HD ProA (301050830)

## INTELLIGENT AND NETWORKED DIAGNOSTIC TOOL COMMERCIAL VEHICLE DIY MARKET

**NEW!**



The Millennium HD ProA is an intelligent and networked diagnostic tool on the Android platform, with the most comprehensive system functions that meet the needs of the commercial vehicle DIY market, covering over 50 vehicle software models.

### FEATURES

- Equipped with code reading, code clearing, version information, and data stream reading functions.
- 8 special functions including DPF regeneration, urea drive, maintenance light reset, fuel injector coding, and clutch learning, etc.
- Supports functions such as viewing diagnostic reports, replaying diagnostic records, taking screenshots and sharing.
- Auto VIN detect function identifying vehicle information.
- One-click Software updates via Wi-Fi.

### SPECIFICATIONS

DISPLAY	3.97"
INTERFACE	Standards OBD II interface, Type-C interface
ANDROID VERSION	Android™ 8.1
STORAGE	2+16GB
BATTERY	3000mAh
CPU	1.3G
COMMUNICATION/UPGRADE	WIFI 2.4Ghz (b/g/n)
STORAGE TEMPERATURE	-20°C~70°C
WORKING TEMPERATURE	-10°C~50°C

# X-431 HD ADD ON (301181163)

## HD ADD ON MODULE



## VEHICLE COVERAGE

Cummins, Fuso, Hino, Isuzu, Mack, Volvo, Detroit, Paccar, Maxxforce, Caterpillar, Allison, Autocar, Eaton, Haldex, John Deere, Kenworth, Peterbilt, Sterling, Wabco, Scania, UD, etc.

## AVAILABLE ON





# X-431 SMARTLINK HD ADD ON (301181154)

## SMARTLINK HEAVY-DUTY MODULE



## FEATURES

- Diagnostic functions include read & clear DTCs for the full system, read data streams, bi-directional controls and actuation test, etc.
- Full comprehensive HD truck diagnostic software functions.
- Commercial Vehicles, Repairing & Diagnostic service and solution Truck, Buses, Construction Vehicles, Agricultural Vehicles, Trailer and Vessels, covering a wide range of vehicles.
- Supports USB, Bluetooth and Wi-Fi connections.
- Strong stability and high speed.
- Various connectors and cables are included to fit different vehicle models.
- Works with X-431 PRO3 SE to diagnose HD vehicles.

## VEHICLE COVERAGE

Bendix, Cummins, Detroit, Doosan, Isuzu HD, Iveco HD, Mack, Man, Mercedes-Benz HD, PSI, Scania, Volvo HD, Wabco, etc.

## SPECIFICATIONS

Display	Wi-Fi	Communication	RAM	Storage	Working Voltage	Dimension
3.95", 320*480	2.4GHz/5GHz	Wi-Fi & Bluetooth & Ethernet	256GB	8GB	9V DC-36V DC	200*110*47 (mm)

# X-431 FIX HD (107990031)



The Truck Service module is an All-Makes (No International) service and repair information developed for the vehicle industry which include various segments Commercial Light Truck & Van and Medium & Heavy Duty, Engine, Trailer and Various Major Components.

## SUPPORTED PRODUCTS





# MAINTENANCE AND DETECTION





EV BATTERY PACK CELL EQUALIZER



The Launch ELB300 Battery Pack Cell Equalizer is battery maintenance equipment diagnostic tool for EV Batteries and technology. The ELB300 diagnoses numerous issues such as inconsistent cell voltage, and individual battery cell capacity variances. The ELB300 is user friendly and can be used for maintenance, battery production, research and development of new EV/Battery enterprises.

FEATURES

- The ability to test and address lithium battery pack with varying voltage levels.
- Lithium Batteries can be activated in the Balanced Maintenance Mode.
- By Testing , Voltage and temperature information allows for protection against overcharging and discharging the lithium batteries.
- The intelligent balancing function enables the individual batteries to be charged uniformly.
- Ability to balance the maintenance parameters customization.
- Ability to set abnormal operating parameters such as voltage, current, and temperature to ensure the safety of the batteries and equipment.
- Supports the functions such as overvoltage, undervoltage, overcurrent, output short circuit, anti reverse protection, and overheating protection.
- Adopting wave width modulation technology with higher efficiency, higher power factor, lower noise, and lower electromagnetic interference.
- 7-inch touch screen with a portable design that is user friendly and accessible.
- Built-in memory, supports the automatic storage of operational records.

SPECIFICATIONS

DISPLAY	7" capacitive LCD touch screen, 800*480	THE NUMBER OF CHANNELS	2*12
POWER INPUT	Single phase AC 90~264V, 40~60Hz	CHARGING & DISCHARGING POWER	600W Max
CHARGING & DISCHARGING VOLTAGE RANGE	DC 1.8~4.2V	BATTERY INTERFACE	16 Pin, 24 Pin
VOLTAGE MEASUREMENT ACCURACY	±0.1%FS±2mV (maximum range 5V)	PC DATA COMMUNICATION	TCP/IP, USB-Device
CHARGING & DISCHARGING CURRENT RANGE	0.1~5A (Max)	WIRELESS COMMUNICATION	Wi-Fi and BT (Wi-Fi external antenna)
CURRENT MEASUREMENT ACCURACY	±1%FS±0.05A (maximum range 5A)	CHARGING MODE	Constant current charging + constant voltage charging
BATTERY TEMPERATURE DETECTION ACCURACY	±2°C (-25~+85°C) Charge and discharge temperature range can be set	DISCHARGING MODE	Constant current (constant power, constant resistance discharge can be set)
		PROTECTION FUNCTION	Input overcurrent protection, overvoltage protection, output overcurrent protection, overtemperature protection.

## EV BATTERY PACK MODULE CHARGING AND DISCHARGING DEVICE



The ELP400EV Battery Pack Module is a Charging and Discharging device that maintains battery packs to extend the service life and longevity. It features the ability to perform various tests which include discharging, charging, and cycle charging in the maintenance mode. The ELP400EV Battery Pack Module services various lithium batteries such as lithium iron phosphate, lithium ternary, and lithium manganese oxide. Additional capabilities include wireless data transmission and an intelligent based operating system aimed at usability.

### FEATURES

- The 7-inch LCD touch screen and the intuitive menu allows for a seamless usability experience.
- Portable and Versatile.
- Services lithium battery packs by testing various voltage levels.
- Ability to test all lithium battery packs testing with various voltage levels.
- Supports an Intelligent equalizing function and the ability to equalize maintenance parameters.
- Adopts wave width modulation technology, high efficiency, high power factor, low noise, low electromagnetic interference.
- Supports multiple protection measures/ alarm settings of voltage, current, temperature abnormal to protect the battery by balancing.
- Supports the safety protection functions such as overvoltage, undervoltage, overcurrent, output short circuit, anti-reverse protection and protecting against overheating.
- Auto-stop conditions allow for control in the testing mode; to avoid over-charging and over-discharging.
- Customized setting the total charging time, constant voltage time, charging capacity, and charging current.

### SPECIFICATIONS

Power Input	AC 90-265V	Electric Box Charging and Discharging Protection	Battery string overcharge and over discharge, battery string temperature is too high protection
Data Communication	CAN RS485	Main Unit Protection	Over temperature, over current, current runaway trigger shutdown protection
Data Dump	U disk	Shutdown Actuator	DC air circuit breaker + release
Module Data Acquisition Communication	Harness sampling	Reverse Connection Protection	Available
Group Voltage Accuracy	$\leq \pm 0.5\%FS + 0.3V$ , resolution: 0.001V	Abnormal Protection	Power failure of power line and main cable
Cell Voltage Accuracy	$\leq \pm 0.1\%FS + 5mV$ , Resolution: 0.001V	Over-temperature Protection	100°C Resistance box over temperature 85°C; radiator over temperature 100°C
Current Measurement Accuracy	$\leq \pm 1\%FS + 0.2A$ , resolution: 0.1A	Alarm Prompt	LCD prompt+buzzer
Charging/Discharging Voltage Range	DC 2~260V		
Charging Current Range	0~100A, maximum power 4.4kw		
Discharging Current Range	0~100A, maximum power 7.2kw		
Charging Control	Constant current charging + constant voltage charging		
Discharging Mode	Constant current discharging		
Charging and Discharging Data Acquisition	In-camera active measurement + external can communication data acquisition		



EV BATTERY PACK AIRTIGHTNESS TESTER



The ELT500EV Battery Pack Airtightness Tester is a compression testing equipment that is used to test the air compression rate and to maintain pressure in the inner cavity/surface of the battery/product . This is important to maintain the sealing effect of the battery pack to ensure it is operating within the parameters that will suffice for the efficiency of the electric vehicle. Additionally the ELT500EV is also applicable for motor controllers, voltage distribution boxes, compressors and other parts.

FEATURES

- The 7-inch LCD touch screen and the intuitive menu allows for a seamless usability experience.
- High-sensitivity pressure sensing , greatly improving test accuracy and stability.
- During the testing process the progress of each stage is displayed.
- Real-time display of pressure dial and display of process pressure curve.
- Preset test parameters for standard parts allow for usability and convenience.
- Work piece number volume, pressure, time of each stage, and leakage limit are presettable parameters.
- When an abnormal test is encountered the sound alarm is set.

SPECIFICATIONS

POWER	20W (Max)
TEST PRESSURE RANGE	0~30Kpa
SENSOR RESOLUTION	1Pa
TEST ACCURACY	±5Pa
COMMUNICATION INTERFACE	RS485/USB
DATA STORAGE METHOD	Internal storage, or data upload to USB drive
POWER SUPPLY	AC 90~265V
AIR SOURCE REQUIREMENTS	0.1~1.0 Mpa dry compressed air
INTAKE PORT/TEST PORT	φ6mm/φ6mm
WORKING TEMPERATURE/HUMIDITY	-10~55°C/10%~90% @25°C
DIMENSIONS/WEIGHT	280*276*360(mm)/4.5kg

INTELLIGENT DIGITAL POWER SUPPLY



LAUNCH ELA320 is an intelligent digital power supply for the maintenance of new energy and fuel vehicles. It has stable current output, excellent performance indicators, and a variety of protection mechanisms. It is a digital power supply with high reliability and high efficiency, which is safe and easy to use.

FEATURES

- It is suitable for the maintenance of new energy vehicles and fuel vehicles, and is used for maintenance testing of electrical components.
- The high-voltage module and low-voltage modules can be managed, maintained and monitored separately. The power output is protected separately and the high-voltage and low-voltage outputs will not interfere with each other.
- It has separate protection for input circuit, high-output circuit and low-voltage output circuit, which can detect faults such as undervoltage, overvoltage, overcurrent and short circuit etc.
- Built-in cooling fan with intelligent temperature control.

SPECIFICATIONS

Power Input	AC 110~240V@16A, 50/60Hz	Low Voltage	Button switch DC12, 24 V voltage, output button switch
High-voltage voltage	DC 250~750V	Display Method	Bluetooth (BLE4.2)
High-voltage current	0~5A	Dimensions	315*192*186 (mm)
Low-voltage voltage	DC 12, 24V	Wright	4.85 kg
Low-voltage current	1A	Working Temperature	-10~+65°C
Output Voltage Precision	0.1V	Working Environment Humidity	5~95% relative humidity (no condensation)
Output Current Precision	0.1A	Storage Temperature	-40~+70°C
Hight Voltage	Voltage regulation, current regulation, output button switch		



EV INSULATION RESISTANCE TESTER



Insulation testing allows for detecting the resistance of high voltages in the electrical components of Electric Vehicles. By performing the insulation test, this ensures that electrical components of the EV are in optimal condition within the specified parameters enabling a safe driving experience and operation of the EV. Insulation Resistance testing is when the DC high voltage is transformed from the E pole to the L pole, in which current is generated between the E pole and L pole. The insulation resistance is then displayed on the screen through I/V conversion and calculation. The insulation resistance refers to the leakage current of the insulation material between the live part and the exposed non-live metal part (shell). In comparison to different products, the varying values of DC high voltages will be applied, such as 500V, 1000V, 2500V etc. and a minimum safe insulation resistance value will be set. If the measured resistance value is lower than the safe resistance value, there may be a risk of electric shock.

FEATURES

- ES200 is capable of measuring insulation resistance, and also innovatively increases the voltage measurement function.
- Equipped with standard resistance, in comparison measurement mode, the measured resistance value is compared with the standard resistance to ensure the measurement accuracy.
- Three measurement modes: timing measurement, comparison measurement, continuous measurement, and omnidirectional measurement.

SPECIFICATIONS

BATTERY	3150 mAh
DISPLAY	5"
WORKING TEMPERATURE	0~50°C
DIMENSIONS	180*174*65.5 (mm)
WEIGHT	1.7 kg

# EV & BATTERY PACK DIAGNOSIS ADD-ON KIT (301181133)



**Software Subscription:** E-PIN CARD [EV Diagnosis Add-On Kit] 1 Year Renewal (301181127)

LAUNCH New Energy Battery Pack Diagnostic Upgrade Kit comes with battery pack testing cables for various vehicle brands. The battery pack diagnostic software and some diagnostic software for new energy vehicles can be activated and downloaded with the included activation card.

## FEATURES

- Supports various battery pack diagnostic methods including non-standard battery pack connector, jumper cables and 16 PIN OBD.
- Quick reading for battery pack information, such as the number of battery pack modules, SOC, SOH, temperature, single cell's, voltage and temperature of each module, etc., which will help technicians know about the battery status.
- Battery pack data streaming helps to locate issues accurately and improve repairing efficiency.
- Battery pack diagnostic report can be printed and shared via email.

## NEW ENERGY VEHICLES COVERAGE

VW, BMW, BYD, CHERY NEW ENERGY, MERCEDES, NIO, LEAP MOTORS, AUDI, BAIC NEW ENERGY, SEAT, SKODA, GM, FORD, FCA, NEZHA NEW ENERGY, ROEWE NEW ENERGY, LIXANG, XIAOPENG, TESLA, etc.

## BATTERY PACK COVERAGE

CATL, GUOXUAN, CALB, AISHUN, E-POW, BYD, SVOLT, RN TECH, COSLIGHT, etc.



# ALL-NEW TPMS SOLUTIONS



**TSAP-3**



**TSAP-2**



**LTR Sensor**

ACTIVATE, READ, RELEARN & PROGRAMMING  
STAND-ALONE | TPMS TECH | DIAGNOSE WITH ACCURACY

# TSAP-3/TSAP-2

## TSAP-3 (302020529) Wi-Fi UPDATABLE



- Display all TPMS sensor data on screen
- Program over 20 aftermarket sensors
- Update wirelessly via Wi-Fi
- Activates both 315 & 433 MHz sensors
- Read and activate TPMS sensors
- Perform 200 + manual & OBD II relearns
- Install & service TPMS retrofit kits
- Service motorcycles & dually vehicles
- Lookup TPMS sensor part numbers
- Test/diagnose vehicle keyfob



Update Via Wi-Fi



Display All TPMS Data

The **TSAP-3** is the ideal TPMS tool for DIYers, technicians and front counter workers. The tool is designed to activate, read and service major OEM and aftermarket sensors. It is capable of updating wirelessly via Wi-Fi, allowing the newest TPMS sensors to be added to the tool.

## TSAP-2 (302020528) TPMS DIAGNOSTIC



- Display all TPMS sensor data on screen
- Program over 20 aftermarket sensors
- Read and activate TPMS sensors
- Perform 200 + manual relearns
- Lookup TPMS sensor part numbers
- Test/diagnose vehicle keyfob
- Activates both 315 & 433 MHz sensors
- Install & service TPMS retrofit kits
- Service motorcycles & dually vehicles
- Select from over 23 language options



Display All TPMS Data



Sensor Programming

The **TSAP-2** is a TPMS tool for DIYers and technicians designed to activate, read and service major OEM and aftermarket sensors. Quarterly updates allow the newest TPMS sensors to be added to the tool. It is the perfect partner for servicing TPMS.

## SPECIFICATIONS

	TSAP-2	TSAP-3
SCREEN SIZE	2.8"	2.8"
OBD II CAPABLE	Yes, built in	Yes, external
MAKE, MODEL, YEAR LOOK-UP	Yes	Yes
ACTIVATE 100% OF OEM SENSORS	Yes	Yes
PROGRAMS MULTIPLE BRANDS OF AFTERMARKET SENSORS	Yes	Yes
Wi-Fi UPDATABLE	No	Yes



# LAUNCH LTR SENSOR



## FEATURES

- Compatible with over 95% of OE sensors
- Compatible with OE sensors of 315MHz/433MHz
- Over-the-air wireless programming
- Battery life of 4 to 6 years
- Unlimited number of reprogramming for LAUNCH sensors

## LAUNCH UNIVERSAL & PROGRAMMABLE TPMS SENSOR



Rubber/Metal



Cover 98% vehicle TPMS application



315MHz/433MHz



Battery life of 4 to 6 years



Be programmed an unlimited number of times



0.1mm accuracy

## SPECIFICATIONS



433MHz/315MHz



3.0V



5-8 dBm



48g (rubber)



-40°C~125°C  
-40°F~257°F



-40°C~125°C  
-40°F~257°F



50.8x24x17.8 (mm)  
2x0.94x1.70 (in)



42g (metal)



200PCS/Master  
Carton Box



IP67

# FROM DIYERS TO MASTER TECHNICIANS



**Millennium Max**



**Millennium Master 2.0**



**Millennium OBD**



**Millennium 30**

**ANY BUDGET**



**SERVICE TOOL**



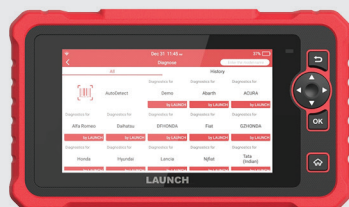
**10 OBD II MODES**



# MILLENNIUM MAX (301050707)

## NEW ANDROID BASE SCAN TOOL ADVANCED SERVICE FUNCTIONS & COMPLETE OBD DIAGNOSTICS

Software Subscription: CRP Plus [Gasoline] 1 Year Renewal (307010230)



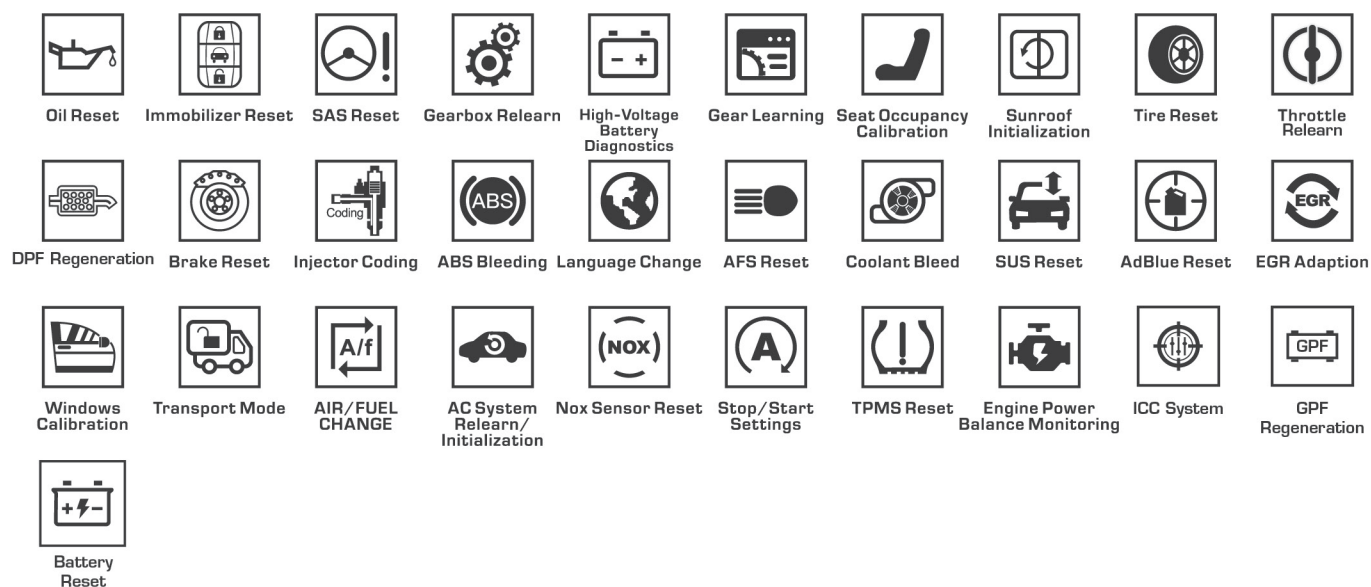
Adjustable Kickstand

CAN FD & DOIP SUPPORTED

- 7-inch touch screen for smooth operating and data reading
- Supports 10 OBD II/ EOBD diagnostics
- Supports 31 advanced special functions
- Auto Detect VIN to access vehicle info within seconds
- Wi-Fi Free software update and print data via PC
- One click to generate the diagnostic report and upload timely
- Multiple languages supported

The Millennium Max is a new Android™ based scan tool, featuring 31 service functions and 10 OBD II diagnostic. It is a remarkable tool designed for DIYers and technicians.

### 31 ADVANCED SERVICE FUNCTIONS



### SPECIFICATIONS

7" touch screen

9V-18V

Android™ 10.0

32GB

3GB

Lithium Battery

251x148x36 (mm)  
9.89x5.8x1.4 (inch)

<650g

# MILLENNIUM MASTER 2.0 (301050822)

## POPULAR DIY TOOLS FOR YEARS

**NEW !**



The Millennium 2.0 is an advanced tool for the professional technician when it comes to vehicle diagnosis and repair. It can diagnose and erase trouble codes and view live data for advanced systems like ABS, SRS, transmission and engine for most vehicles, 1996 and newer. Multilingual menu supported.

## FEATURES

- Compatible with 1996 and newer vehicles, light truck, minivan, SUV, or hybrid manufactured vehicles (OBD II & CAN).
- Read and erase DTCs, view live data of engine system, AT, SRS, and ABS.
- Supports OBD II 9 test modes.
- One-click software upgrade via Wi-Fi.
- Automatically identify vehicle VINs.
- Upload diagnostic report to the cloud.
- Functions include Oil Maintenance Reset, Electric Throttle Relearn, Steering Angle Reset.

## 13 SERVICE FUNCTIONS

Oil Reset	Injector Coding	Immobilizer Reset	Brake Reset	EPB Reset	DPF Reset	TPMS Reset	Battery Reset	ABS Bleeding	SAS Reset	Air/Fuel Reset	AdBlue Reset	Adaptive Front Lighting

DISPLAY	5" color screen
INPUT VOLTAGE	9V~18V
INTERFACE	Standard 16 PINs OBD II
MEMORY	2G
STORAGE	16G
WEIGHT	<556g
MULTILINGUAL MENU	10
DIMENSION	228*25*34.5 (mm)



# MILLENNIUM OBD (341051503)

## BEST CHOICE OR ENTRY-LEVEL TECHNICIANS

**NEW !**



The newest Millennium OBD is an entry-level and plug and play tool that will help you detect the a vehicle's problems in a cost effective way.

## FEATURES

- Look up the definition of diagnostic trouble codes (DTCs).
- Graph live data of multiple sensors displayed.
- Features freeze frame data to do fast and accurate repairs.
- Features I/M Readiness function with one click key.
- View vehicle information to check VIN and its performance.
- No batteries required and powered by OBD II port.

## SUPPORTS 9 OBD II TEST MODES

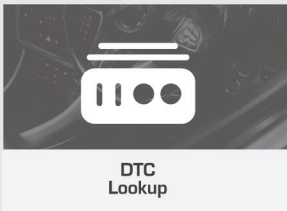
Read Codes, Erase Codes, Live Data, On-board Monitor Test, O2 Sensor Test, I/M Readiness, View Freeze Frame, View Vehicle Information, Evap System Test.

## SPECIFICATIONS

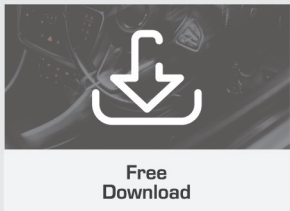
DISPLAY	2.8" LCD
INPUT VOLTAGE	9~18V
WORKING TEMPERATURE	-10°C~50°C
STORAGE TEMPERATURE	-20°C~70°C
STORAGE	15 M
NEW WEIGHT	<360g

# MILLENNIUM 30 (301050425)

## COLOR DISPLAY AUTO CODE READER ENTRY-LEVEL & USER-FRIENDLY



DTC  
Lookup



Free  
Download

Millennium 30 is an easy-to-plug tool to read and erase engine light DTCs. It is simple but features most of OBD II functions and perfect for those in a low budget.

### FEATURES

- Read & Erase DTCs
- Freeze frame data
- Monitor OBD II I/M Readiness
- DTC lookup
- O2 Sensor & EVAP System tests
- Supports OBD II & CAN protocols
- Free software downloads by internet
- OE-level U.S. vehicle coverage as well as Asian
- European coverage from 1996 and newer

### SPECIFICATIONS



1.7"



118x68x22 (mm) 4.65x2.68x0.87 (inch)



0°C~50°C  
32°F~122°F



<200g



20PCS/Master Carton Box



9V-18V



# EASY-TO-USE INSPECTION EQUIPMENT



**BST360**



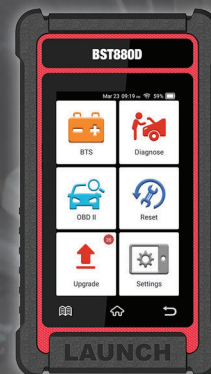
**BST560S**



**BST860S**



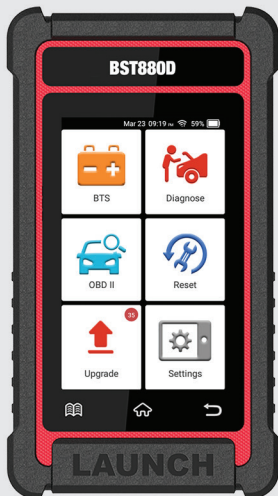
**BST580D**



**BST880D**

**ACTIVATE, READ, RELEARN & PROGRAMMING  
STAND-ALONE | TPMS TECH | DIAGNOSE WITH ACCURACY**

## NEW CODE READER AND BATTERY TEST TOOL LIFETIME FREE SOFTWARE UPDATE THROUGH WI-FI



- Automatically identify vehicle VINs.
- Full OBD II functionalities are supported.
- Diagnostic report review and share are supported.
- One-click software upgrade via Wi-Fi.
- The battery test voltage ranges from 10V to 16V.
- Supports Battery Test Report Review and Share (Email).
- 9 foreign language are supported: English, Spanish, French, German, Russian, Portuguese, Japanese, Italian and Korean.
- Supports 6 modes on battery test, including Battery Health State Test, Voltage Test, Ripple Detection, Starting System Test and Charging System Test.
- Supports Lead-aid, GEL, AGM battery types and Electric Current Test.
- Supports 10 International Measurement Standards, including CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB.

The LAUNCH BST-880D is a new Android based battery system tester, featuring full OBD II functionalities and automatic VIN identifying. Additionally, it has a portable design with 4.0" display.

## 6 SERVICE FUNCTIONS CAPABILITY



Battery  
Reset



ABS  
Bleeding



Oil  
Reset



Brake  
Reset



Electronic Throttle  
Relearn



TPMS  
Reset

## SPECIFICATIONS



Android™ 4.0



4.0", 480\*800



1GB



159x88x37 (mm)  
6.26x3.46x1.46 (in)



16GB



10V - 16V



0°C~50°C  
32°F~122°F



## NEW DIY TOOL WITH BATTERY TEST LIFETIME FREE SOFTWARE UPDATE



The LAUNCH DIY tool BST-580D supports full OBD II functionalities and has a compact design with 2.8" display. It is designed for the battery test voltage ranging from 10V to 16V.


## FEATURES

- Full OBD II functionalities are supported.
- I/M Quick Scan, DTC Lookup & Definition via physical shortcut on the 2.8" screen.
- The battery test voltage ranges from 10V to 16V.
- Battery test report review is supported.
- 7 foreign languages are supported, including English, Spanish, French, German, Russian, Portuguese, and Japanese.
- Supports 6 modes on battery test, including Battery Health State Test, Voltage Test, Ripple Detection, Starting System Test, Charging System Test, and Electric Current Test.
- Supports Lead-aid, GEL, and AGM battery types.
- Supports 10 International Measurement Standards, including CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB.

## SPECIFICATIONS

 2.8", 320\*240

 10V - 16V

 0°C~50°C  
32°F~122°F

 16MB

 3MB

 179x103x30 (mm)  
7.1x4.1x1.2 (in)

BATTERY TESTER

NEW!



The LAUNCH plug-to-play battery tester BST-860S is designed for many battery-powered vehicles such as cars, boats, motorcycles, and more. It can quickly detect the complete battery system and generate and print the health report within 3 seconds.

FEATURES

- International measurement standards supported include CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB.
- 6 battery & electrical test functions supported include Ripple Detection, Battery Test, Electric Current Test, Starter Test, Charging System Test and Voltage Test.
- Generate the health report within 3 seconds intuitively display all data on the color screen.
- The reports to be printed anytime by built-in thermal printer or scan QR to view on the mobile phone.
- Available to the batch inspection of battery by testing continuously and repeatedly.
- Applicable vehicles include car, motorcycles, lawnmowers, and other gardening machines, Group 31, commercial vehicles 4D/8D.
- Applicable battery types, include 12V (Regular Flooded, Gel battery, AGM battery, EFB battery and lithium battery).
- Applicable 12V/24V vehicle's Starter Test and Charging System Test.
- Safety always comes first. No heating, no discharge, no spark and no operating risks.
- Multi-language supported.

SPECIFICATIONS

	BST-860S
DISPLAY	2.4" TFT LCD display with backlight
WORKING TEMPERATURE	-18~60°C
TEST CABLE	25.98 irreplaceable test cable
CASE MATERIAL	ABS acid-proof plastic, industrial case design
DIMENSION	195*100*40 (mm)
WEIGHT	315g



## BATTERY TESTER

**NEW !**



The LAUNCH plug-to-play battery tester BST-560S is designed for many battery powered vehicles such as cars, boats, motorcycles and more. It's a compact handheld design with LCD display.

## FEATURES

- International measurement standards supported include CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB.
- 6 battery & electrical test functions supported include Ripple Detection, Battery Test, Electric Current Test, Starter Test, Charging System Test and Voltage Test.
- Generate the health report within 3 seconds intuitively display all data on the color screen.
- Added QR scan function to review the report on the mobile phone.
- Available to the batch inspection of battery by testing continuously and repeatedly.
- Applicable vehicles include car, motorcycles, lawnmowers, and other gardening machines, Group 31, commercial vehicles 4D/8D.
- Applicable battery types, include 12V (Regular Flooded, Gel battery, AGM battery, EFB battery and lithium battery).
- Applicable 12V vehicle's Starter Test and Rectifier Diode Test.
- Safety always comes first. No heating, no discharge, no spark and no operating risks.
- Multi-language supported.

## SPECIFICATIONS

	BST-560S
DISPLAY	2.4" TFT LCD display with backlight
WORKING TEMPERATURE	-18~60°C
TEST CABLE	25.98 irreplaceable test cable
CASE MATERIAL	ABS acid-proof plastic, industrial case design
DIMENSION	155*85*32 (mm)
WEIGHT	315g

TURN YOUR SCAN TOOL INTO BATTERY TEST FUNCTIONALITY  
BLUETOOTH ENABLED & PORTABLE



The BST360 accomplishes Charging System Diagnostics (Battery Testing, Alternator Testing and Starter Testing). The BST360 is Bluetooth and can be paired with any X-431 Professional Scan tool in addition to the BST360 Application on iOS and Android mobile devices.

FEATURES

- **INTERNATIONAL MEASUREMENT STANDARDS:** CCA, JIS, GB, SAE, MCA, CA, DIN, IEC, EN, BCI
- **3S QUICK DETECT:** Generate the health report within 3 seconds and intuitively display all data on the smart device
- **DATA TRANSMISSION:** The test data can be exported and downloaded via smartphone and diagnostic tools
- **SAFETY:** No heating, no discharge, no spark, no operating risks
- **VARIETY BATTERY & ELECTRICAL TEST FUNCTIONS:** Ripple detection, battery test, starter test, charging system test, electric current and voltage test
- **BATTERY TYPES:** 6V and 12V (Lead-acid battery, gel battery, and AGM battery)
- **COMPATIBLE:** Work on X-431 Throttle III, X-431 Throttle, X-431 Torque III, X-431 Torque, X-431 Turbo, X-431 PAD II AE

BST SERIES COMPARISON

ITEM	BST-860	BST-560	BST360
DISPLAY	4-line LCD with backlight	4-line LCD with backlight	N/A
BATTERY STANDARD	CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB	CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GBI	CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GBI
BATTERY TYPE	Lead-acid, GEL, AGM	Lead-acid, GEL, AGM	Lead-acid, GEL, AGM
6V/12V	Y	Y	Y
24V	Y	N/A	N/A
PRINT	Y	N/A	Y (via smartphone and scan tools)
WORK MODE	Standalone	Standalone	Work with X-431 scanner or smartphone
DIMENSION	188x95x41 (mm)	150x76x25 (mm)	805 (mm)
WEIGHT	450g	300g	250g



# BATTERY TESTER COMPARISON CHART



**BST880D**



**BST580D**



**BST860S**



**BST560S**



**BST360**

## SPECIFICATIONS

Operating System	Android 4.0				
Display Screen	4.0" Touchscreen, 480*800	2.8", 320*240	2.4" TFT LCD with Backlight		
RAM	1 GB	3 MB			
Storage	16 GB	16 MB			
Work Temperature	32~122°F, 0~50°C		0~140°F, -18~60°C		

## FEATURES

Battery Type	Lead-acid, Gel, AGM		Lead-acid, Gel, AGM, EFB, Lithium		Lead-acid, Gel, AGM
Battery Standard	CCA, BCI, CA, MCA, JIS, DIN, IEG, EN, SAE, GB				
Battery Voltage Range	10V~ 16V		12V, 24V		12V
Work Mode	Standalone	Standalone	Standalone	Standalone	with X-431 Diagnostic Tool or Mobile APP
System Supported	Engine, AT, SRS, ABS				
Reset Functions	Oil Reset, Brake Reset, ABS Bleeding, TPMS Reset, Throttle Relearn, Batter Reset				
AutoVIN	•				
Full OBD II Functionalities	•	•			
I/M Quick Scan	•	•			
DTC Lookup & Definition	•	•			
Ripple Detection	•	•	•	•	•
Battery Test	•	•	•	•	•
Electric Current Test	•	•	•	•	•
Starter Test	•	•	•	•	•
Charging System Test	•	•	•	•	•
Voltage Test	•	•	•	•	•
3-second Health Report			•	•	•
Share Report	•	•	•	•	•
Print	•	•	• (Built-in)	•	•
Multilingual	•	•	•	•	
Lifetime FREE Software Update	•	•			

# OTHER TOOLS



**X-881 Pro Professional Mobile 3D Wheel Aligner**



**VSP-600**



**VSP-828**



**TIT-202 Pro**



**CNC-605A**



**CNC-603A**



**PFP-150**



# VSP-828 ENDOSCOPE ROTATING LENS (307050069)

## PORTABLE VIDEOSCOPE



### 3 LENSES TO CHOOSE FROM



① Rotating Lens Version  
(180 degree rotation in two directions)



② Dual-Lens Version  
(Switch between front and side)



③ Standard Version  
(Single direction)

The VSP-828 videoscope is designed for accessing narrow, curved spaces like evaporation boxes, combustion chambers, and three-way catalytic sensors. It captures vivid, clear, and multi-angle videos and images, transferring them to a computer or smartphone display via a data cable for versatile inspections. Three versions with varying lens tubes are available for your choice.

## FEATURES

- Choice of three lenses
- 4GB built-in storage on mainboard
- Supports for external TF cards up to 32GB
- Picture taking and audio/video supported
- Flashlight assist function
- 3 times magnification can be achieved
- 4-gear LED light for adjustment
- Rotate static image in 4 directions
- Switch the image between color and black-and-white
- High temperature alarm function

## SPECIFICATIONS

Lens	Image Sensor	1/9" CMOS720PHD	Display Screen	TFT display screen
	Frame Rate	30	Display Pixels	1280*720
	Diameter	5.5 mm (5.5 mm single lens tube/dual lens tube/rotating lens tube available)	Power Supply	Built-in 18650 Lithium battery, 3.7V
	Imaging Focal Length	> 5.5 mm	TF Card Storage	32GB (optional)
	Best Imaging Distance	3-8 cm		
	Tube Length	1 m (3 m or 5 m can be customized)		

# VSP-600 USB VIDEOSCOPE (307110051)

**TURN X-431 SCAN TOOL INTO VIDEOSCOPE FUNCTIONALITY**  
COMPATIBLE | AFFORDABLE | SIMPLE



VSP-600 helps technicians to check issues on the unreachable areas in a vehicle. With six levels of light strength, technicians can easily adjust brightness according to the environment. It works with LAUNCH X-431 scanners or any Android device and streams live video on it. Technicians can view, record, save images and videos.

## FEATURES

- View, record and save images and videos.
- Take pictures easily with the one-click snapshot button.
- Easy to adjust the strength of lights (6 levels).
- View and save images/videos on Launch X-431 scanner.
- Vehicle systems include engine, gears, compressors, headers and valves, body components, etc.
- Thin 5.5 mm diameter of the LEN O.D. that can reach most inner structures of vehicles.
- Without extensive disassembly of the components.
- The cable length is 2M enough to better help examine the potential damage inside of the vehicles.

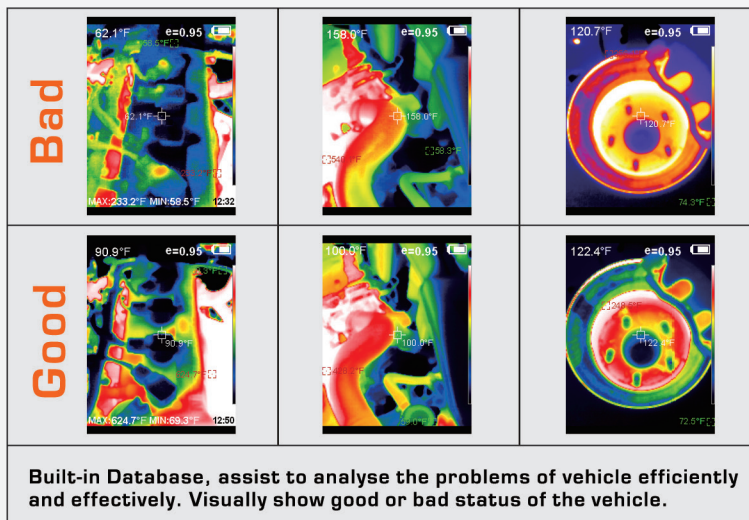
## SPECIFICATIONS

LEN O.D.	5.5 mm
TUBE O.D.	4.8 mm
TUBE LENGTH	800 mm
SENSOR SIZE	1/9"
RESOLUTION	1280*720
OPERATING TEMPERATURE	0°C~65°C
POWER SUPPLY	5V
USB PORT	USB 2.0 Type C/Micro USB



# TIT-202 PRO (307020098)

## ADVANCED INFRARED TECHNOLOGY OPTIMAL INFRARED DIAGNOSIS



The TIT-202 thermal imager takes new infrared technology to detect the vehicle's various systems, like the Powertrain & Exhaust, Body & Electrical, Chassis & Brakes and more. The built-in database assists the mechanic in analyzing and monitoring statuses in time.

## FEATURES

- Capture 240 x 320 resolution image to detect the vehicle parts while the diagnostic tool cannot detect
- Easily reveal the problem vehicle systems include engine fault, body air tightness, exhaust pipe, brake system, body heating, bearing system, electrical device and more.
- Built-in database comes with hundred of reference image in the daily diagnosis
- Record the IR images, up to 20,000

## SPECIFICATIONS

 3.5" 240x320	 JPG	 20,000 pictures	 Rainbow, iron red, cool color, black & white, white & black
 -20°C~450°C -4°F~842°F	 300,000 pixels	 220x160	 Micro USB 2.0
 350 g	 224x75x102 (mm) 8.81x2.95x4.01 (inch)		

PROGRAMMING FLASH POWER WITH 4 CHARGING MODES

NEW !



The PFP-150 Programming Flash Power is a must tool for vehicle diagnosis. It can prevent failure and abnormalities during the programming process due to low voltage. The applied synchronous rectification improves the efficiency of rectification.

FEATURES

- 6 Protection Modes: Reverse Protection, Short Circuit Protection, Low Voltage Protection, Overheat Protection, Overcharge Protection, Synchronous Rectification (220V/240V).
- Normal Mode: Select the charging mode according to the position of vehicle battery (inside or outside).
- Exhibit Mode: For continual charge with low current in showrooms.
- Programming Mode: Provide a stable voltage source for the car in need of programming or decoding, ranging from 12V or 16V.
- Hidden Repair Mode: Indicate whether the battery should be repaired or not. Work with various batteries, such AGM Battery, GEL Battery, and Lithium Battery.

APPLICABLE VEHICLES



SPECIFICATIONS

ITEM	PFP-150
INPUT VOLTAGE	110V/220V
POWER	1800 W
MAX. CURRENT	150 A
CHARGING VOLTAGE	12 V
PROGRAMMING MODE	12-14.8V/2-150A
MAH	10-1800Ah
DIMENSION	440*410*140 (mm)
ELECTRIC CABLE LENGTH	3 m
WEIGHT	9 kg



## INJECTOR CLEANER & TESTER



**SUITABLE FOR THE MULTIPLE FUEL INJECTOR (GDI, EFI, SFI, ...)**

**POWERFUL ULTRASONIC CLEANING**

**SIMULATION CONDITION TEST**

**AUTOMATIC OIL DISCHARGE CONTROL**

The CNC-605A is a newly released ultrasonic cleaner and tester for car injectors such as GDI, EFI, SFI, etc. It features advanced cleaning technology, is capable of cleaning and testing the injectors by simulating the engine condition. It also has the ability to clean the fuel injector and fuel supply system on the vehicle without disassembly.

## FEATURES

- **ULTRASONIC CLEANING**  
Completely remove the carbon deposit on the fuel injection nozzle.
- **UNIFORMITY AND SPRAY ABILITY TEST**
- **SEALING TEST:**  
Test the sealing and leakage of the fuel injection nozzle under a certain pressure.
- **INJECTION VOLUME TEST:**  
Test the injection volume of the nozzle. Make the nozzle continually spray for a certain time.
- **NO DISASSEMBLY NEEDED (FOR EFI & SFI):**  
EFI & SFI cleaning without disassembling the nozzle.
- **AUTOMATIC MODE:**  
Automatically test the fuel injection nozzle through the present program.

## SPECIFICATIONS

POWER SUPPLY	AC110V/AC220V, 50Hz/60Hz
MAIN ENGINE POWER	350 W
ULTRASONIC POWER	60 W
FUEL PRESSURE	0.1~10 bar
AIR INLET PRESSURE	5-8 bar
RPM	100~990 rpm Step: 100 rpm
PW	0.5~25.0 rpm Step: ms
TIMER RANGE	1~30 minutes
OPERATING VOLUME	3000 ml

## 2 IN 1 AUTOMATIC INJECTOR CLEANER & TESTER



The CNC-603A is an advanced electromechanical integration product that combines ultrasonic cleaning technology with microprocessor hydraulic control cleaning detection technology. It can clean and inspect the fuel injectors of the car. It can also clean the fuel injectors and the fuel supply system.

## SPECIFICATIONS

POWER SUPPLY	AC110V-127V, 50Hz/60Hz, 3Amax; AC220V-230V, 50Hz/60Hz, 1.5Amax
INPUT POWER	300 W
CLEANING POWER	100 W
RANGE OF ROTATION	10~9990 rpm (step length: 10 rpm)
TIME LIMIT	1~9999s
PULSE WIDTH RANGE	0.5~25 ms (step length: 0.1 ms)
ENVIRONMENT TEMPERATURE	0°C~45°C
RELATIVE HUMIDITY	85%
STRENGTH OF EXTERNAL MAGNETIC FIELD	400A/m
OPERATING VOLUME	3000 ml



## PROFESSIONAL MOBILE 3D WHEEL ALIGNER



The LAUNCH X-881 Pro is a professional mobile 3D wheel aligner that is based on a user-friendly interface communicating with two smart imaging cameras. The revolutionary software of LAUNCH X-881 Pro is compatible with 2post lifts and all other lift types. The smart dynamic of this revolutionary software reads and records the initial measurements of loaded suspension of the vehicle on ground.

## FEATURES

- Automatic VIN decoder
- Wireless VIN scanner included
- Supports for external TF cards up to 32GB
- OEM solution for automotive repair information
- Remote tech support; Wi-Fi enabled
- 5 Gbps transmission bandwidth
- USB 3.0 Interface
- Includes 2 Years of software updates
- 5MP camera for extended size vehicles
- Adjustable monitor height on beam
- HP Printer included
- Seamless operational software
- Mobile aligner
- Dust cover included
- Hand-held extra screen (optional)

## SPECIFICATIONS



**POWER**  
AC 110/220 V 50/60 Hz



**SAI/KINGDOM**  
 $\pm 20^\circ$  Accuracy:  $\pm 0.03^\circ$



**HD CAPACITY**  
60 G



**WHEEL BASE**  
4000 mm Accuracy:  $\pm 2$  mm



**OPERATING SYSTEM**  
64-bit Windows 10



**CASTER**  
 $\pm 20^\circ$  Accuracy:  $\pm 0.03^\circ$



**MONITOR**  
32" color monitor



**PROCESSOR**  
Intel Series



**RETRACTION ANGLE**  
 $\pm 5^\circ$  Accuracy:  $\pm 0.03^\circ$



**RIM DIAMETER**  
10 - 24 inch



**MEMORY**  
2G



**THRUST ANGLE**  
 $\pm 10^\circ$  Accuracy:  $\pm 0.01^\circ$



**WHEEL TRACK**  
2000 mm Accuracy:  $\pm 2$  mm

# IMMO PRODUCTS



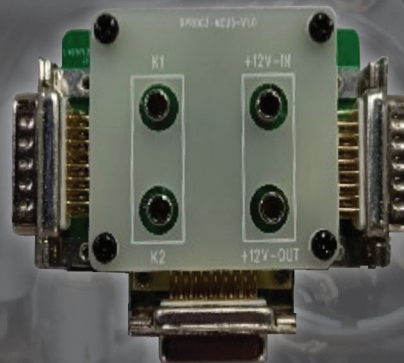
**X-PROG 3**



**X-PROG 3 PC ADAPTOR**



**IMMO PROGRAMMER  
SIMULATION KEY**



**MCU V3 ADAPTOR KITS**



**KEY PROGRAMMER  
+ KEY\* KIT**



**X-431 ECU MODULE CLONING  
EQUIPMENT OVERSEAS CONFIGURATION**



# IMMO ADD-ON (307010302)

## X-PROG 3 (307010102)



Name	Description
Vehicle Key Slot	To place car key for RF defection
DB26	Used to connect to each anti-theft cables
Infrared slot for Benz Key	Used to place the Mercedes Benz infrared key to perform the key matching function
Key IC hole	Used to place the key chip to perform the key matching function
Status Indicator	Power supply indicator lamp
DIY slot	Used to connect the anti-theft ECU pin through the cable to read and write data
Locker	To tighten loose EEPROM board
DC 12V	Used to connect to the DC12 power supply
DB15	To connect with vehicle's DLC
EEPROM Slot	To insert EEPROM board

Interface	DB26, DB15
Input Voltage	DC12V
Input Current	500mA
Working Temperature	0-50°C
Storage temperature	-20-70°C

## X-PROG 3 PC ADAPTOR OVERSEAS CONFIGURATION (307110093)



- Work with X-PROG 3 as an adaptor..
- The Windows software has only clone function; .
- Windows based UI and powerful search function.
- Fast read/write in Windows (about 3 - 5 times of Android).
- Easier files copy and data comparison in Windows.
- Supports data verification which Android doesn't support.
- Supports BENCH and BOOT mode Read/Write.

**IMMO Add-On also includes: Toyota H Mechanical Keys All Lost CH-01 Cable & Full IMMO software.**

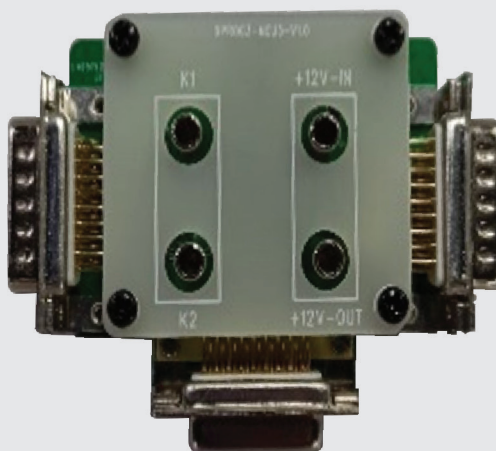
# IMMO ADD-ON (307010302)

## **IMMO PROGRAMMER SIMULATION KEY** **ANTI-THEFT PROGRAMMER ANALOG** (307140130) ANALOG KEY (OPTIONAL)



Lost all keys of Toyota, Lexus, Scion, BYD, etc.

## **MCU V3 ADAPTOR KITS** **ANTI-THEFT PROGRAMMER MCU3** (307140131) ADAPTER BOARD KIT (OPTIONAL)



1. For the ECU cloning function, you can use the MCU V3 (with built-in resistance and power supply) instead, which is convenient for connection.
2. Lost all Benz keys

**IMMO Add-On also includes: Toyota H Mechanical Keys All Lost CH-01 Cable & Full IMMO software.**



# X-431 KEY PROGRAMMER + KEY\*4 KIT (307110149)



## UNIVERSAL REMOTE KEYS\* 4

### LS4-NISN-01

#### USAGE SCENARIO

LS intelligent key is only compatible with vehicle models equipped with the Kessy system; its functions include keyless starting and door edge sensing.

#### FUNCTION

1. Wireless programming
2. Equipped with anti-theft chip
3. Uses the button cell 2032
4. Circuit board with a 2-year warranty
5. Repeatable writing
6. Batteries need to be installed while generating
7. Supports vehicles with 46,47, MQB48, MQB49, 4A chips

### LN3-PUGOT-01

#### USAGE SCENARIO

Certain chips in LN remote can't generate all vehicle models, it's needed to check whether the type of chip can Supports the vehicle model, the chip is integrated into the remote.

#### FUNCTION

1. Wireless programming
2. Equipped with anti-theft chip
3. Uses the button cell 2032
4. Circuit board with a 2-year warranty
5. Repeatable writing
6. Batteries need to be installed while generating
7. Supports vehicles with aa, 12,13, 7936,7937, 7947, 7946 chips

### LS3-VOLWG-02

#### USAGE SCENARIO

LK remote is applied in the situations where the remote needs to be matched but the chip is not needed, or it can also be used with super chip.

#### FUNCTION

1. Wireless programming
2. Not equipped with an anti-theft chip, needs to be used with an anti-theft chip
3. Uses the button cell 2032
4. Circuit board with a 2-year warranty
5. Repeatable writing
6. Batteries cannot be installed while generating

### LE4-FRD-01

#### USAGE SCENARIO

LE remote contains chip and remote, the multimode chip can generate most of the vehicle models and cover the majority of them.

#### FUNCTION

1. Wireless programming
2. Equipped with a multimode chip
3. Uses the button cell 2032
4. Circuit board with a 2-year warranty
5. Repeatable writing
6. Batteries need to be installed while generating

## SUPER CHIP



#### USAGE SCENARIO

Compatible with chips of most car models for conversion. It can also be matched for vehicle starting.

#### FUNCTION

Supports 8A, 8C, 8E, 4C, 4D, 4E, 48, 7935, 7936, 7938, 7939, 11/12/13



## ECUs Data Reading & Writing Quickly

- Supports two methods to read various vehicle brand ECUs info.
- Supports Read the chip ID and Back up the EEPROM data.
- Supports Back up the FLASH data and Restore EEPROM/FLASH data.

## Supports Data Processing, anti-theft shutdown and file verification.

### Current adapter accessories

- X-PROG 3 Adapter Cable 1 (DQ200XX)
- X-PROG 3 Adapter Cable 2 (VL381)
- X-PROG 3 Adapter Cable 3 (DQ380)
- X-PROG 3 Adapter Cable 4 (DQ250)
- X-PROG 3 Adapter Cable 5 (DL501)
- X-PROG 3 Adapter Cable 6 (DL382)
- X-PROG 3 Adapter Cable 7 (VGS-NAG3)
- X-PROG 3 Adapter Cable 8 (VGS2-FDCTNGS-FDCT)
- X-PROG 3 Adapter Cable 9 (VGS3-NAG2)
- X-PROG 3 Adapter Cable 10 (BHP\_VI(BMW/LR)/BHP\_V2/8HP\_V3)
- X-PROG 3 Adapter Cable 11 (MPS6)
- X-PROG 3 Adapter Cable 12 (DPS6)
- X-PROG 3 Adapter Cable Main Line (ML)

## ECUS SUPPORTED LISTS

ECU Name	ECU Type	ECU Brand
EDC16XX	ECM	Bosch
EDC17XX	ECM	Bosch
MD1CSXXX	ECM	Bosch
MD1CPXXX	ECM	Bosch
ME17.X.X	ECM	Bosch
MED17.X.X	ECM	Bosch
MED9.X.X	ECM	Bosch
MEV17.X.X	ECM	Bosch
MEVD17.X.X	ECM	Bosch
MG1CSXXX	ECM	Bosch
MG1CPXXX	ECM	Bosch
MSDXX	ECM	CONTINENTAL/SIEMENS
MSVXX	ECM	CONTINENTAL/SIEMENS
SDIX	ECM	Continental
GM EXX/TXX	ECM	DELCO
SIM271XX	ECM	Continental
SIMOS12.X	ECM	Continental
SIMOS8.X	ECM	Continental

ECU Name	ECU Type	ECU Brand
SIMOS-PCR2.X	ECM	Continental
6HPXX	TCM	ZF
8HPXX	TCM	ZF
7DCT300	TCM	ZF
9G Tronic	TCM	Bosch
ALXXX	TCM	ZF
TCXX	TCM	Bosch
DPS6/DC4	TCM	GETRAG
DKG	TCM	GETRAG
DLXXX	TCM	Temic
DQXXX	TCM	Temic
MPS6	TCM	GETRAG
SPS6	TCM	GETRAG
VGSX	TCM	GETRAG
VL381	TCM	Temic
GM 6TXX/6LXX	TCM	DELCO
MEDG17.9.8	TCM	Bosch
MEG17.9.2	TCM	Bosch



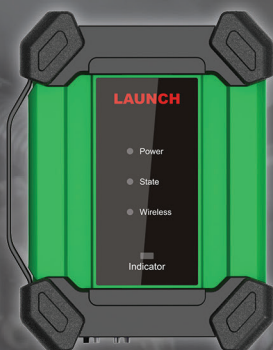
# X-431 MODULES



**S2-2**



**O2-2**



**EM 101N**



**J560 PLC Trailer Connector**

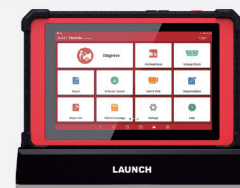
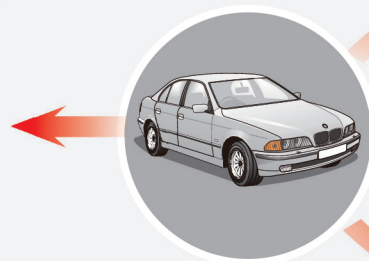


**DoIP Cable**



**Motorcycle Connectors**

## MAKE EXTRA PROFITS FOR AUTO REPAIR SHOPS



X-431 Throttle



X-431 Throttle III

LAUNCH's S2-2 Sensorbox is designed to simulate and test most vehicle sensors, quickly troubleshooting the ECU. In order to maximize the repair shop's revenue, it can be compatible with LAUNCH scanners X-431 Throttle and X-431 Throttle III.

## FEATURES

- ECU Troubleshooting and Diagnostics
- It supports manual write the waveform data.
- Simulate working condition of sensors without replacing parts.
  - ▶ Throttle & Pedal Sensor
  - ▶ Airflow meters
  - ▶ Oxygen Sensor
  - ▶ Temperature Sensor
  - ▶ EGR sensor
  - ▶ Injectors sensor
- Be used as a Multimeter to measure resistance, voltage AC/DC, capacitance, frequency and pulse signals, etc.
- Simulate some special working condition of sensors without replacing parts.
  - ▶ Crank
  - ▶ Cam sensors inductive and hall
  - ...
- One click to enter the intuitive menu of Sensor, Actuator, Defined/drawn the waveform, Timing waveform, Multimeter, System settings. (work with scanner)

## SPECIFICATIONS

NUMBER OF CHANNELS	2
VOLTAGE SIMULATION RANGE	0-20V
MAX. OUTPUT CURRENT	20mA
SQUARE WAVE SIGNAL PULSE FREQUENCY	0-15KHz
SQUARE WAVE SIGNAL DUTY CYCLE	0-100%
DCV SIMULATION	Support

FREQUENCY SIMULATION	Support
MULTIMETER	Support
OPERATING TEMPERATURE	0°C~50°C
STORAGE TEMPERATURE	~30°C~70°C
CERTIFICATE	CE, FCC, Rohs



# X-431 O2-2 / EM101N

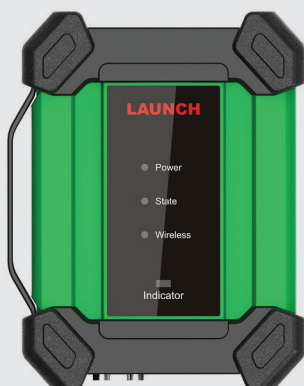
## O2-2 FOUR CHANNEL SCOPEBOX (301180847) COMPLEX ELECTRICAL FAULTS SOLVED



- ECU Troubleshooting and Diagnostics.
- One Key Enable Function.
- QWERTY Keyboard Input Supported.
- Up to 50M Buffer Memory.
- Self-calibration.
- Automotive Tests (Circuits/Sensors/Actuators/Ignition...).
- X-431 Pro Scanners Compatible.

Featuring a new design and upgraded hardware, the LAUNCH O2-2 Scopebox is a versatile, easy-to-use module that detects high level faults on various electrical components such as: sensors, actuators and circuits. By integrating with X-431 series scan tools via O2-2 application, the O-2 delivers accurate and conclusive diagnostic faults that enable the shop and technician to enlarge its scan tool functionality.

## EM101N DUAL-CHANNEL SCOPEBOX (301180889) NEW ENERGY DIAGNOSTICS



- Works with X-431 diagnostic tool.
- Wireless/Wire connection with X-431 diagnostic tool.
- New UI Design with Three Display Modes.
- Needle Sets, Multimeter Pens, Alligator, Clips and Oscilloscope Channel Test Leads included.
- Automatic measurements include Peak-to-peak value, Average value, Maximum value, Minimum value, Top value, Bottom value, Frequency, Period, etc.

Featuring a new design and upgraded hardware, the LAUNCH O2-2 Scopebox is a versatile, easy-to-use module that detects high level faults on various electrical components such as: sensors, actuators and circuits. By integrating with X-431 series scan tools via O2-2 application, the O-2 delivers accurate and conclusive diagnostic faults that enable the shop and technician to enlarge its scan tool functionality.

## SPECIFICATIONS

	EM101N DUAL-CHANNEL SCOPEBOX	O2-2 FUR CHANNEL SCOPEBOX
CHANNELS	2	4
BANDWIDTH	10MHz	100MHz
VERTICAL RESOLUTION	8 bits	8 bits
STORAGE DEPTH	1M	50M
TRIGGER TYPE	Edge, Pulse width	Edge, Pulse width
TRIGGER MODE	Auto, Normal, Single	Auto, Normal, Single SEQ
COMPATIBILITY	X-431 EV MAX	X-431 Pro Scanners

# O2-1 ACCESSORY KIT (203010703)

No.	Name	Picture
1	BNC to 4 mm Test Leads	<p>Test lead of a male BNC connector to (2) 4mm connectors. It is a kind of special line for assisting the Scopebox to test various types of signals. 4mm connectors are coded in two colors: black (earth wire) and red (positive pole which should be connected with the 6-way Breakout Leads). Moreover, it can also work with the 20:1 Attenuator.</p> 
2	6-way Breakout Leads	<p>With these 6-way leads, you will be able to test most of the sensors and actuators on all makes and models of vehicle, including MAP, temperature, throttle position and airflow sensors, fuel pumps, primary ignition circuits and fuel injectors.</p> 
3	USB Cable	<p>Connects the Scopebox and diagnostic tool so that the sampled signal can be displayed on the diagnostic tool.</p> 
4	Battery Clamps Cable	<p>To supply power to the Scopebox through connection to vehicle's battery.</p> 
5	20:1 Attenuator	<p>It allows the Scopebox to measure fuel injector and primary ignition waveforms. *Note: Please note this attenuator should be not used for any high voltage measurements other than fuel injectors and primary ignition.</p> 
6	Secondary Ignition Pick-up	<p>This ignition pick-up is applied in the following situations: Secondary-distributor ignition analysis, Secondary-simultaneous ignition analysis and Secondary-direct ignition analysis.</p> 
7	COP (Coil-on-Plug) Extension Cord	<p>Coil-on-Plug extension cord (including earth cord) allows you to take accurate secondary ignition measurements on secondary-direct (Coil-on-Plug) ignition systems. It can be applied in the condition that there are no, or limited access to any spark plug leads.</p> 
8	Multimeter Probes	
9	Crocodile Clips	<p>Designed to connect the bare terminals or leads.</p> 
10	Back Probe Pins Suite	<p>They are mainly used for piercing the insulation of wires to allow for automotive electrical measurements without causing damage to the wires. Additionally they can be used as pin-tip probes while working with small circuit boards.</p> 



# J560 PLC TRAILER/DOIP CABLE

## HD TRAILER J560 PLC CONNECTOR (203010713)



- **PLUG-IN AND GO**
- **NON-CONDUCTIVE PLASTIC**
- **WEATHER-RESISTANT**
- **7+9 PIN TRAILER CONNECTOR**
- **WORKS WITH LAUNCH HD SOFTWARE**

The J560 PLC Trailer is a new standard HD trailer connector which extends X-431 scan tool to cover the heavy-duty trailer.

## DOIP CABLE (203010742)



Currently supports models such as BMW, Mercedes Benz, Land Rover, Lingke, and Volvo.

MOTORCYCLE CONNECTORS

NEW !



HONDA-4

YAMAHA

KAWASAKI-4+6

SUZUKI-4+6

HD-4

HD-6

BMW 10PIN

DUCATI 4PIN

EURO5 6PIN

MOTORCYCLE DIAGNOSTIC CONNECTOR PACKAGE CONTENTS:

No.	Part	Part Name	Quantity
1	Diagnostic Connector	Honda motorcycle 4PIN diagnostic connector, ROHS	1
2		Yamaha motorcycle-4+3+3+1+1 diagnostic cable, ROHS	1
3		Kawasaki motorcycle 4+6PIN diagnostic connector, ROHS	1
4		Suzuki motorcycle 4+6PIN diagnostic connector, ROHS	1
5		Harley motorcycle OBD16 to 4PIN diagnostic cable, RoHS	1
6		Harley motorcycle OBD16 to 6PIN diagnostic cable, RoHS	1
7		BMW motorcycle 10PIN to OBD 16 diagnostic cable	1
8		Ducati motorcycle 4PIN diagnostic cable	1
9		EURO5 motorcycle 6PIN diagnostic cable	1

AVAILABLE ON



Millennium Max



X-431 THROTTLE III



X-431 TORQUE LINK



X-431 TORQUE 5



X-431 TURBO III

Software Subscription: Motorcycle Software Activation Card, One Time Activation Code (301181171)

58

LAUNCH / 2024 ISSUE 1

PRODUCT CATALOG



# SMARTLINK TOOLS



**SMARTLINK C**



**SMARTLINK B**

# SMARTLINK C HARDWARE (301180792)

## STANDALONE J2534 REFLASHING DEVICE COMPATIBLE WITH OE SOFTWARE PLATFORMS



The Launch Smartlink C functions as a J2534 Pass Thru Reflash Device to update modules on vehicles when paired with a specific OE Platform. The Smartlink also is capable of remote reflashing scenarios when synced with the Smartlink B.

### FEATURES

- When Paired with the Launch Smartlink B, allows for the ability to perform Remote OE Software Reflashes.
- Adheres to new age vehicle network protocols such as DoIP, CANFD, CAN 2.0.
- Publish requests and accept offers from Launch Super Remote Diagnosis Reservation Platform.



**DIAGNOSIS**



**PROGRAMMING**



**CODING**

SMARTLINK TOOLS	ERP CODE	Model
	301180792	SmartLink C Hardware
	301180863A	Smartlink C Platform Per Use Activation + 10 Token (301180881)
	301180881	Smartlink C Platform Per Use 10 Token
	301180883	Smartlink C Platform Per Use 50 Token

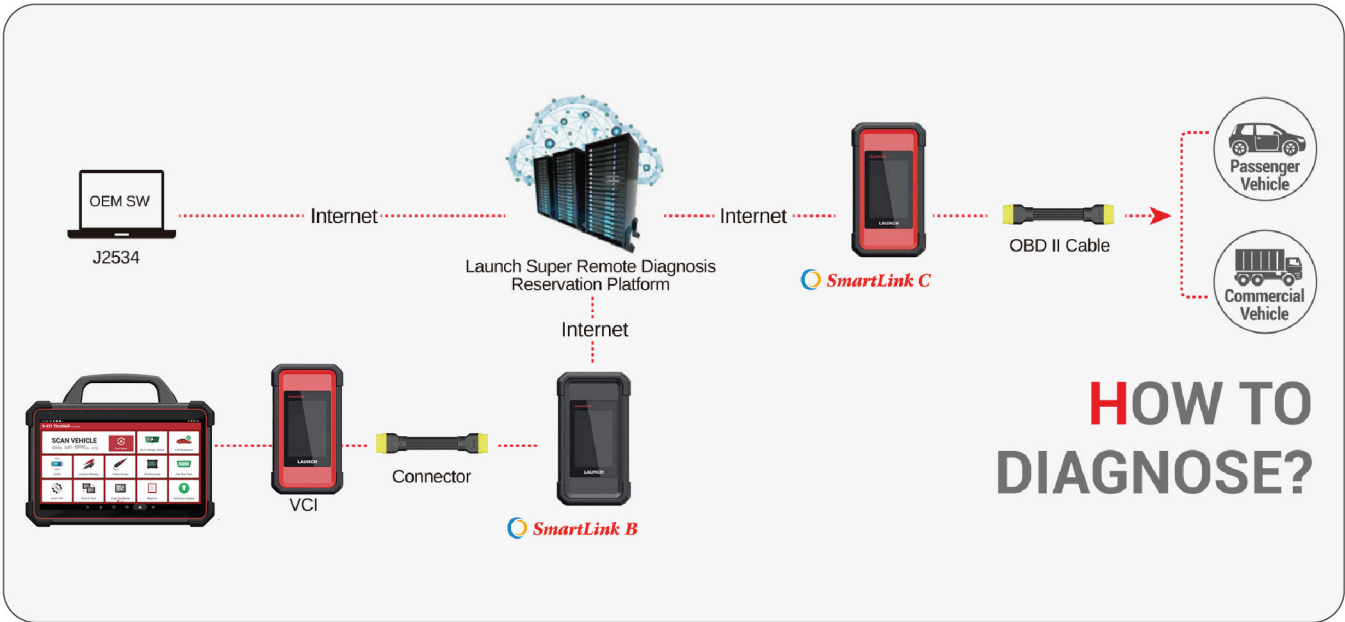


# SMARTLINK B HARDWARE (321180301A)

## DIAGNOSING FROM A THOUSAND MILES AWAY

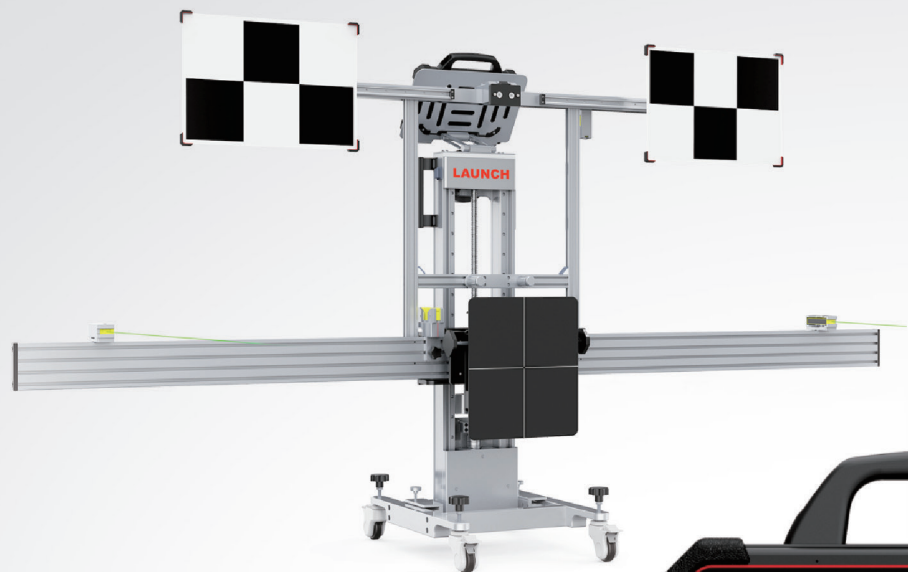


The Launch Smartlink B works in conjunction with the Smartlink C in remote scenarios to accomplish remote OE Reflashing. The Smartlink B serves as the remote element and the Smartlink C is connected onsite at the vehicle.



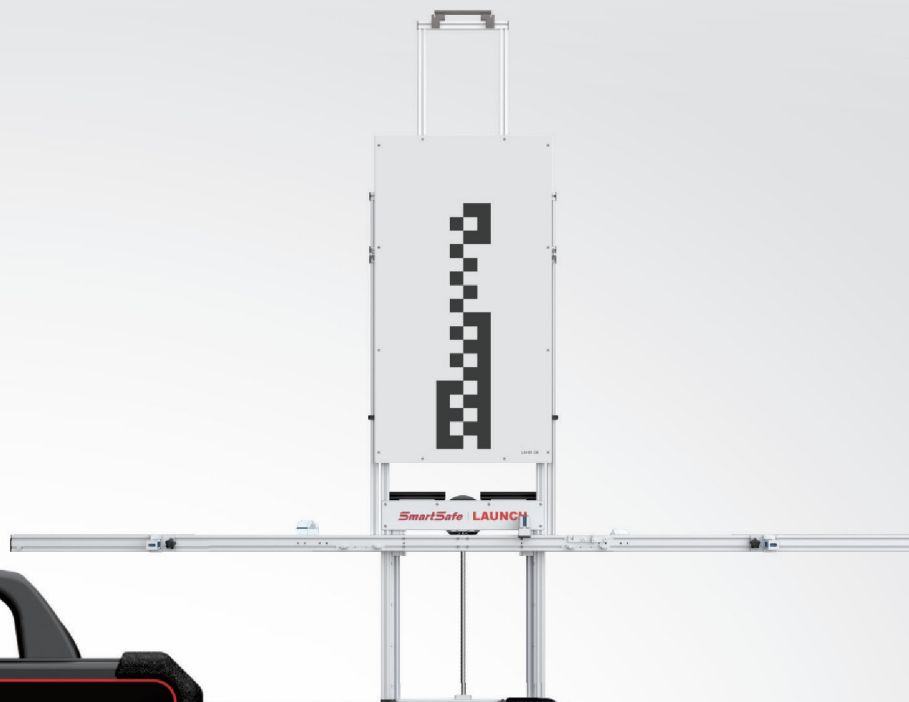
## HOW TO DIAGNOSE?

SMARTLINK TOOLS	ERP CODE	Model
	321180301A	SmartLink B Hardware (321180301) + One Year Service (301180823)
	301180823	Smartlink B Platform One Year Service






*Scan to View  
Our Products Online*







The final interpretation right of this document belongs to LAUNCH TECH USA, INC.

Follow Us     

 1-877-528-6249

 [www.launchtechusa.com](http://www.launchtechusa.com)

 [sales@launchtechusa.com](mailto:sales@launchtechusa.com)