

# PRODUCT CATALOG

# 2020





THE LEADER IN PROFESSIONAL  
**DIAGNOSTIC SOLUTIONS!**

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### X-431 Throttle: "Ultimate Power, Maximum Performance"

Based on Android™ 7.1 operating system, X-431 Throttle is the newly developed comprehensive diagnostic equipment with fast charging base and Water and Dustproof. This scan tool has a wide array of model coverage, powerful diagnostic capabilities, fast and easy to use interface. This IP65 rated tablet is also impact resistant, fit for use in the toughest shop environment.

#### FEATURES & BENEFITS

##### *Most Advanced Software Ever!*

- Android™ 7.1 custom system
- Display OBDII Monitor Readiness Status
- One-click upgrade for operating system, clients, vehicle model software and firmware
- Support Remote Diagnosis Technology, (Tech to Tech / Between 2 scan tools / Scan tool and remote desktop)
- View Comprehensive diagnostic reports, Remote diagnostic reports, DataStream playback under the "My Report" section
- Software Setting includes My connector, Diagnostic connector management, Connector activation, and Firmware repair, etc.

##### *Strong Configuration Tablet with:*

- Qualcomm 8-core processor
- 10.1-inch bright capacitive touchscreen
- QC3.0 quick charge technology (2.5 hours to charge 80%)
- Upgraded camera, front 8 MP and rear 13 MP
- Fifth Generation Bluetooth technology, 4 X Faster transmission rate than previous generation.



### X-431 Torque: "Experience the Ease, Feel the Power"

A professional full function, full coverage scan tool. The new TORQUE includes an exciting new user interface making the TORQUE the easiest to use professional scan tool in the industry. The Torque features a unique intelligent VIN acquisition and decoding feature allowing vehicle access in seconds. The TORQUE is based on the new open Android™ 7.1 with Google Play.

#### FEATURES & BENEFITS

- Features a Super Large and Bright 10.1" WXGA, IPS Display
- Intelligent VIN Acquisition and Decoding Feature: Read the VIN in seconds and identify Year-Make and Model- without any user interaction
- Open Android™ 7.1" with Surf the Web anytime via built in Wi-Fi
- Full Coverage - Asian, Euro and Domestic Vehicles
- Google™ Play - allows for download of 3rd party apps
- Includes 12 months of Wi-Fi software updates
- Tech to Tech Remote Diagnostics: Support remote diagnostics between shops or technicians. Read and clear codes, live data from thousands of miles away
- Includes complete OBD I connector kit with BMW and Mercedes Proprietary adapters
- New Technology Bluetooth™ Wireless OBD communication for the fastest cordless experience
- New Exotic Vehicle Coverage: Maserati, Ferrari, Bentley, Aston Martin, Rolls Royce, Bugatti, Alfa Romeo, Lamborghini, Maybach



### TWT-100 Tool Trolley

- 5 Layers for Repair Shop & Workshop Garage Storage
- User-friendly Design (Push Pull Handle, Universal Wheel, Hook Rack for Wire...)
- Equipped with Keyed Locking System
- Made of High-quality Steel at least 2mm Thickness

\* Only Tool Trolley included, other scanner, PC and programming flash power sell separately.



OBDI Adaptor Kit included



### X-431 PAD II AE: Android™ Scan Tool Tablet

The Flexible and Powerful X-431 PAD II AE is an IP65 Waterproof and Dustproof Rated Automotive Scan Tool. This Impact Resistant Android™ based tablet features a bright 10.1" high resolution capacitive touch screen.

#### FEATURES & BENEFITS

##### Open System with Free Access:

- Open browser for easy access to all On-Line Repair Information systems.
- OE-Level coverage for Asian, European, and Domestic applications

##### Fast and Powerful tablet with:

- IP65 Waterproof and Dustproof Rating
- An impressive 8 Core Processor
- Larger Memory and storage space: 2 GB RAM+64GB ROM
- 10.1" Easy to Read in Sunlight high resolution capacitive touch screen
- Bluetooth VCI for wireless communication to the vehicle allows high performance speed refresh for real time data display
- High resolution cameras with photo and video capabilities (Front and Rear Camera) apps and software
- Stereo speakers

##### Key Functions:

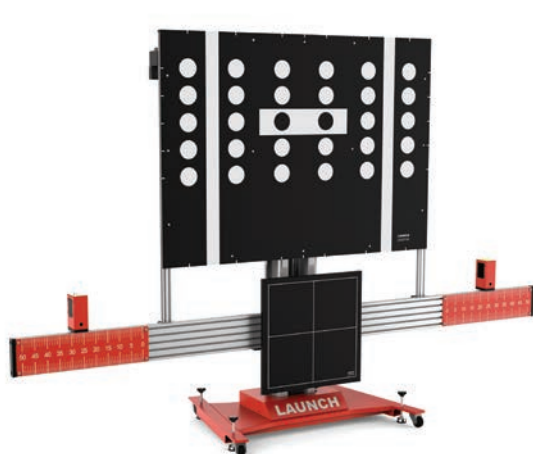
- Module coding, Relearns, Bi-directional capabilities, Graphs up to 15 PIDs of Live Data Stream, simultaneously, Recording, Pre and Post Scan Report

##### More Benefits:

- AutoDetect allows you to easily access all vehicle systems
- Exotic vehicle coverage: Maserati, Ferrari, Bentley, Aston Martin, Bugatti, Rolls Royce, Alfa Romeo
- Tech to Tech Live Remote Diagnostic assist you to diagnose the vehicle trouble far away thousands of miles.
- Kickstand provides for lightweight and functional support
- 1-year of weekly one-click Wi-Fi updates
- 1-year warranty

**X-431 ADAS PRO**  
301250021

**X-431 ADAS PRO**  
301250021



Calibration Panel



Radar Reflector



Laser Module

## X-431 ADAS PRO

X-431 ADAS PRO calibration tool was designed to handle the calibration after replacing the windshield or the cameras or radars are removed, replaced and repaired.

## FEATURES & BENEFITS

- Calibration Frames with the Vehicle Manufacturer's Own Standards
- Step-by-step Tutorial Graphics
- Simple to Install, Rapidly Switch the Calibration Targets Available for Different Vehicles

## CAR MAKE COVERAGE

- **European:** Mercedes-Benz, BMW, AUDI, Volkswagen, Land Rover, Jaguar, Volvo, Fiat, Opel, SEAT, Skoda, Renault, Citroen, SMART, MINI, Peugeot, Porsche etc.
- **Asian:** Kia, Hyundai, Toyota, Lexus, Honda, Acura, Nissan, Infiniti, Mitsubishi, Subaru, Suzuki, Daihatsu etc.
- **America:** GM, Ford, Chrysler, Buick, Cadillac, Chevrolet, Dodge, Jeep, Lincoln etc.









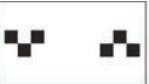

\*Note: The vehicle coverage list is continually updating.

## More Details on 4 Upgrade Packages

Packages	Basic Package	Deluxe Package	Premium Package	Premium PLUS Package
Basic Package 301250021	•	•	•	•
Front Camera Panels Kit Configuration 301250002		•	•	•
AVM&Rear Camera Calibration Target Kits 307010025 Europe 307010023 Asia 307010024 America			•	•
Optional Calibration Target Kits 301250015 301250017 301250018 301250020		•	•	•
Conner Reflector 301250022		•	•	•
X-431 Throttle 301180595		•		•
ADAS Cart				•

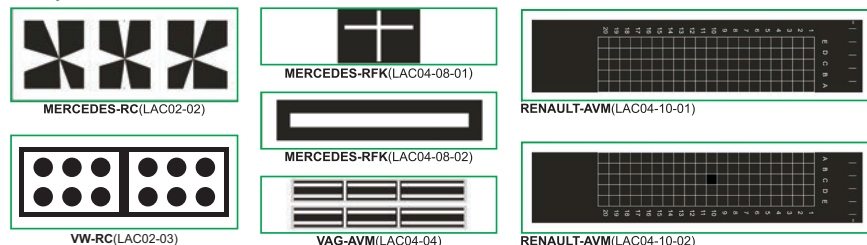
• Note the blue dot shows the differentiated part

## X-431 ADAS Front Camera Panels Kit Configuration

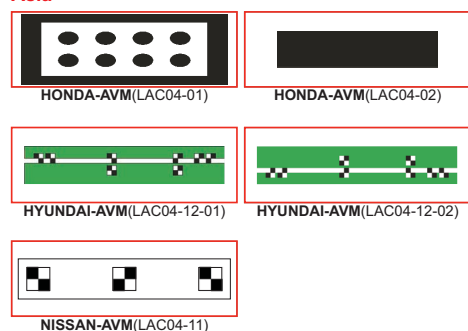
 MERCEDES-FC(LAC01-01)	 HONDA-FC(LAC01-03)	 HONDA-FC(LAC01-04)	 TOYOTA-FC(LAC01-06)	 NISSAN-FC(LAC01-07)
 NISSAN-FC(LAC01-08)	 HYUNDAI/KIA-FC(LAC01-09)	 MAZDA-FC(LAC01-10)	 MAZDA-FC(LAC01-16)	 ALFA GIULIA-FC(LAC01-11)

## X-431 ADAS AVM&Rear Camera Calibration Target Kits

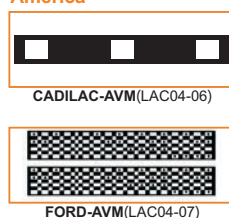
### Europe



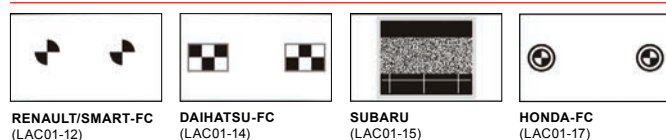
### Asia



### America



## Optional Calibration Target Kits (301250015/ 301250017/ 301250018/ 301250020)



### CORNER REFLECTOR

### Throttle

### ADAS Cart



- All Makes
- All Models
- Full system
- Upgrade Configuration

## X-431 TURBO: 2020 New Arrival!

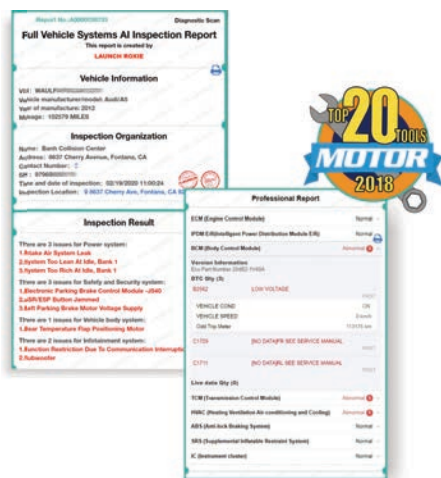
Featured with brand-new upgrade system, X-431 TURBO is new designed for All Makes, All Models and Full system diagnosis and assists the technician to make the vehicle diagnosis and repair easier at all skill levels.

### FEATURES & BENEFITS

- Customized Lenovo tablet with high stability
- All Makes, All Models and Full system diagnosis
- Bi-directional capability
- OE-level coverage
- One-click upgrade online
- Quick access to diagnose by the diagnostic records
- Support read DTC, clear DTC, read data stream and full functions
- Remote diagnosis and diagnostic feedback to get timely expert and coworker support
- Support online inquiry and review abundance maintenance information to simplify the diagnosis process

### Strong Configuration Tablet with:

- 8" Large and High-res touchscreen
- Open Android™9.0 System
- 4-Core 2.0GHz
- 32GB, extended to 128G
- 5000mAh
- Front 200 MP, Rear 500 MP
- Dimension: 242.5 X 160 X 30.5(mm)



## ROXIE W (WIFI)

Roxie automatically scans all makes, models and modules and emails a pre/post scan report up to five email address at a time. No Human interaction needed, just plug Roxie into the OBD-II port. Roxie speaks loudly as she calls out each module being scanned. Roxie is the perfect solution for Collision/MSO shops requiring a Pre/Post scan report without the need of a trained scan tool technician or recurring remote diagnostics service.

### FEATURES & BENEFITS

- Automatic Vehicle Detection and Scan Initialization as soon as you plug in - No interaction needed
- WIFI enabled (Shop's WIFI or Mobile Hot Spot)
- Easy to operate-Just Plug in and go
- 5" Color Touch Screen Display
- Long Battery life (One month & Above)
- Sleek, and industrial Design
- Enhanced All Module Scan: Codes and Data Stream
- Generic OBD II Only with Readiness Monitor Status



## Gear Scan Plus

Gear Scan Plus is a brand new high-end automotive diagnostic tool based on Android™ 7.0. It carries on LAUNCH advantages in the vehicle diagnostic technology.

### FEATURES & BENEFITS

- Extensive vehicle coverage for over 95% US, Asian, and European vehicle makers
- Powerful OE-Level coverage for all vehicle systems
- Smart auto ID vehicle (VIN, CIN, & CVN)
- Support all 10 OBDII test modules
- One-click I/M Readiness, One-click online software update via WIFI
- Read & clear codes, read live data stream, view freeze frame
- DTC library with definitions & tips, Graphing, record and replay data
- Turn off MIL lights, Live battery voltage display, Health reports sharing
- Support resets functions: Oil Light, EPB,BMS, IMMO, DPF, ABS Bleeding, TPMS, SAS,Sun-roof Initialization, Throttle matching, Injector Relearn
- Support Multilingual
- 7-inch IPS touch screen
- Built-in 6000 mAh rechargeable battery, long standby time
- Rugged design with smart kickstand



## Gear Scan

Gear Scan is perfect for diagnosis with wide coverage and abundant special functions. It enables the user to access the diagnosis in a short time. With 5-inch hand held scan tool, making the diagnosis easier and efficient.

### FEATURES & BENEFITS

- Abundant Special Functions
- Service light reset, steering angle reset, brake pad reset, anti-theft matching, ABS bleeding, battery matching and DPF regeneration.
- Intelligent Diagnosis
- Through [AutoDetect], read the vehicle VIN information quickly, such as year, make and model.
- Diagnostic record checking and enter the system speedily when diagnose again.
- Diagnostic Feedback
- Professional technicians assist to track and handle the customer's problem.
- It supports email and share test/health report via Wi-Fi.
- It supports 1996 and newer Asian, European and Domestic
- Update online with one click.
- The new UI makes the diagnostic operations much easier.
- Operation System: Android 7.0, 1G memory, 8G storage, 4000mAh rechargeable Li-battery, 5" 720P IPS touch screen



## Millennium Master

TPMS Relearn Database, Injector Coding and Immobilizer Resets along with WIFI Updates and Touch Screen.

### FEATURES & BENEFITS

- 5" color Touch Screen and thumb Pad Navigation
- Based on Android™ OS
- WIFI automatic updates-No more USB Cable to Laptop
- Full Coverage-Domestic, Asia, European Vehicles (1996 and newer OBDII)
- Support Auto VIN Detection and connection
- Diagnostic report and share via email

### 9 TOTAL RESETS

1. TPMS Reset with Relearn Database
2. Injector Coding
3. Immobilizer
4. Battery Reset
5. EPB
6. SAS Reset
7. DPF Regen
8. Oil Reset
9. Brake Bleed



## CRP Elite

Introducing The C-reader Professional Elite - The NEW benchmark in diagnostic solutions from Launch Tech USA. The C-reader Professional supports all of the 10 modes of OBDII and is able to diagnose the 4 main systems (Engine, Transmission, ABS, SRS Systems). In addition the C-reader Professional Elite also supports reset functions of EPB, SAS, DPF, Oil Light, ABS Bleeding, as well as the ability to generate a diagnostic report and share via email. The C-reader Professional Elite features a 5.0" 720 Touch screen and Wi-Fi updates.

### FEATURES & BENEFITS

- 5" color Touch Screen and thumb Pad Navigation
- Based on Android™ OS
- WIFI automatic updates-No more USB Cable to Laptop
- Full Coverage-Domestic, Asia, European Vehicles (1996 and newer OBDII)
- Support Auto VIN Detection and connection
- Diagnostic report and share via email

### 8 TOTAL RESETS

1. Injector Coding
2. Battery Reset
3. EPB
4. SAS Reset
5. DPF Regen
6. Oil Reset
7. Brake Bleed
8. Throttle Relearn



Padded Storage Case

## Millennium 90 Pro

### "Reset Functions Plus Live Data, ABS, SRS, Engine, and Transmission"

The all new Millennium 90 Pro offers everything that you loved about the CRP123 and CRP129 but adds DPF capability as well as ABS Brake Bleeding. Additionally, the Millennium 90 Pro has an all new droppable form factor and Hot Keys utilizing Metal Disc Technology; no more membrane keypads to wear out.

### FEATURES AND BENEFITS

- Live data stream for Engine, Auto Transmission, ABS and SRS
- Full coverage, Domestic, Asian, European (Gas, Diesel, and Hybrid Vehicles 1996 and newer OBD2)
- Reset Oil Lights, EPB, BMS, DPF, SAS, and ABS Brake Bleed.
- 4 Color Graphs-OBDD Engine
- Print data via PC
- Supports regen command for most makes and models
- Free Internet updates
- DTC and I/M Readiness Hot Key
- Modes 1-10

### SPECIFICATIONS:

- Screen: 4.0" TFT 320\*480 dpi
- Voltage range: 9-18V



Padded Storage Case

### Millennium 90 (Special functions plus live data stream for ABS and SRS)

Millennium 90 is a multipurpose code reader. It provides 10 OBDII/EOBD diagnostic modes and the following special functions: oil reset, break bleeding, EPB, BMS, DPF, SAS reset. In addition, it gives live data stream reading ABS and SRS diagnosis to facilitate all-around car detection.

#### FEATURES & BENEFITS

- Modes 1-10
- Read dynamic data streams and MIL
- Read readiness status
- Freeze frame data
- Read current DTCs
- Clear DTCs
- Read pending DTCs
- Read permanent DTCs
- O2 sensor test
- On-board monitor test
- Read vehicle information
- Oil reset and brake bleeding EPB, BMS, DPF, SAS reset
- Read DTCs, clear DTCs, and read data streams for the ABS system
- Read DTCs, clear DTCs, and read data

- streams for the SRS system
- 4 Color graphs
- PC Internet free upgrade
- Multilingual support
- Print data via PC

#### SPECIFICATIONS:

- Screen: 4.0" TFT 320\*480 dpi
- Voltage range: 9-18V
- Operating Temperature: 0C~ 50C
- Environment Temperature: -20C~70C
- Dimension: 195mm\*86mm\*32 mm (7.6" \*3.4" \*1.2")
- Weight: <460g



Padded Storage Case

### Millennium 80 (Special function tool)

Millennium 80 is a special functions tool with a large color display. It has a series of special functions and provides full OBDII/EOBD diagnostics. The following functions meet most shop requirements: oil reset, EPB reset, BMS reset, SAS reset, DPF reset and brake bleeding. The tool also reads and replays OBD II data streams.

#### FEATURES & BENEFITS

- Modes 1-10
- Read dynamic data streams and MIL
- EPB, BMS, DPF, SAS reset and Brake Bleeding
- Read readiness status
- Freeze frame data
- Read current DTCs
- Clear DTCs
- Read pending DTCs
- Read permanent DTCs
- O2 sensor test
- On-board monitor test
- Read vehicle information
- 4 Color graphs
- Free upgrade of USB interface Internet

- Multilingual support
- OBD II data record and replay
- Print data via PC
- Oil reset and brake bleeding EPB, BMS, DPF, SAS reset

#### SPECIFICATIONS

- Screen: 4.0" TFT 320\*480 dpi
- Voltage range: 9-18V
- Operating Temperature: 0C~ 50C
- Environment Temperature: -20C~70C
- Dimension: 195mm\*86mm\*32 mm (7.6" \*3.4" \*1.2")
- Weight: <460g



Padded Storage Case

### Millennium 70 (Read live data stream for ABS and SRS)

Millennium 70 is a multipurpose code reader with large color display. It provides full OBDII/EOBD diagnostic functions, modes 1-10, ABS and SRS system diagnostic functions. The Millennium 70 reads live data streams from ABS, SRS systems and records OBD II data.

#### FEATURES & BENEFITS

- Modes 1-10
- Read dynamic data streams and MIL
- Read DTCs, clear DTCs, and read data streams for the ABS system
- Read DTCs, clear DTCs, and read data streams for the SRS system
- Read readiness status
- Freeze frame data
- Read current DTCs
- Clear DTCs
- Read pending DTCs
- Read permanent DTCs
- O2 sensor test
- On-board monitor test
- Read vehicle information
- 4 color graphs

- Free upgrade of USB interface Internet
- Multilingual support
- OBD II data record and replay
- Print data via PC

#### SPECIFICATIONS

- Screen: 4.0" TFT 320\*480 dpi
- Voltage range: 9-18V
- Operating Temperature: 0C~ 50C
- Environment Temperature: -20C~70C
- Dimension: 195mm\*86mm\*32 mm (7.6" \*3.4" \*1.2")
- Weight: <460g



Padded Storage Case

### Millennium 60 (Record and replay-print via PC)

Millennium 60 is a code reader with complete functionality. It provides full OBDII/EOBD diagnostic functions modes 1-10 and meets communication requirements for ISO9141-2, ISO14230-4, SAEJ1850, and ISO15765-4. It features a 2.8-inch color display, graphical data streams, USB interface upgrades, and it records and replays OBD II data.

#### FEATURES & BENEFITS

- Modes 1-10
- Read dynamic data streams and MIL
- OBD II data record and replay
- Read readiness status
- Freeze frame data
- Read current DTCs
- Clear DTCs
- Read pending DTCs
- Read permanent DTCs
- O2 sensor test
- On-board monitor test
- Read vehicle information
- 2 color graphs
- Free upgrade of USB interface Internet
- Multilingual support
- Print via PC

#### SPECIFICATIONS

- Screen: 2.8" TFT 320\*240 dpi
- Voltage Range: 9-18V
- Operating current: <100mA@12V (Typical)
- Power consumption: <1.2W (Typical)
- Operating Temperature: 0C~ 50C
- Environment Temperature: -20C~70C
- Dimension: 120mm\*75mm\*20 mm (L x W x H)
- Weight: <320g



### Millennium 50 Standard Configuration (Full function modes 1-10)

Millennium 50 provides full OBDII/EOBD diagnostic functions modes 1-10 and meets communication requirements for ISO9141-2, ISO14230-4, SAEJ1850, and ISO15765-4. It features a 2.8-inch color display, graphical data streams, and USB interface upgrades.

#### FEATURES & BENEFITS

- Modes 1-10
- Read dynamic data streams and MIL
- Read readiness status
- Freeze frame data
- Read current DTCs
- Clear DTCs
- Read pending DTCs
- Read permanent DTCs
- O2 sensor test
- On-board monitor test
- Read vehicle information
- 2 color graphs
- Free upgrade of USB interface Internet
- Multilingual support

#### SPECIFICATIONS

- Screen: 2.8" TFT 320\*240 dpi
- Voltage range: 9-18V
- Operating Temperature: 0C~ 50C
- Environment Temperature: -20C~70C
- Dimension: 142mm\*85mm\*30 mm (5.6" \*3.4" \*1.2")
- Weight: <320g



### Millennium 40 Standard Configuration (Generic OBD II)

Millennium 40 is an entry-level and cost-effective car maintenance tool. It meets all OBDII/ EOBD communication and provides the commonly-used diagnostic function.

#### FEATURES & BENEFITS

- Read & Clear DTCs
- Read pending DTCs& permanent DTCs
- Read live data streams
- MIL status
- Monitor I/M Readiness status
- Read freeze frame data
- Read vehicle information
- Graphical data streams display
- Free upgrades online via USB
- Multilingual support

#### SPECIFICATIONS

- Screen: 2.4" TFT 320\*240 dpi (Millennium 40)/ 1.77" TFT 320\*240 dpi (Millennium 30)
- Voltage Range: 9-18V
- Operating current: <100mA@12V (Typical)
- Operating Temperature: 0C~ 50C
- Environment Temperature: -20C~70C



### Millennium 30 Check Engine (add USB)

Millennium 30 is an easy-to-use tool for everyone. With ergonomic design and hot key, it supports most of OBDII functions and can check the live data.

- Read & Clear DTCs
- Monitor I/M Readiness status
- Identify VIN info
- DTC Lookup
- O2 Sensor & EVAP System tests
- Turn off Check Engine Light
- Meets protocols such as ISO9141-2, ISO14230-4, SAEJ1850 and ISO15765-4
- Update via USB cable
- Works on most cars made in the U.S. after 1996

- Dimension: 142mm\*85mm\*30 mm (Millennium 40)/118mm\* 68 mm\* 22 mm(Millennium 30)
- Weight: <320g(Millennium 40)/ <200g(Millennium 30)

## Comparison Chart



Items	Millennium 50	Millennium 60	Millennium 70	Millennium 90
Display	2.8"	2.8"	4"	4"
All 10 OBD II Modes	●	●	●	●
ABS			●	●
SRS			●	●
Transmission				
Engine				
Oil Reset				●
EPB Reset				●
BMS				●
DPF Regen				●
SAS Reset				●
Brake Bleeding				●
Injector Coding				
Immobilizer				
Sun-roof Initialization				
Throttle Matching				
TPMS Database				
Graphing	2	2	4	4
Live Data	●	●	●	●
DTC Assist	●	●	●	●
Play Back		●	●	●
Auto VIN				
Report Sharing				
Print via PC		●	●	●
Update	PC	PC	PC	PC

## Comparison Chart



Millennium 90 PRO	Millennium Master	CPR Elite	Gear Scan Plus
4"	5"	5"	7"
●	●	●	●
●	●	●	
●	●	●	
●	●	●	
●	●	●	
●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●
	●		●
			●
		●	●
	●		●
4	4	4	4
●	●	●	●
●	●	●	●
●	●	●	●
	●	●	●
	●	●	●
●	●	●	●
PC	Wi-Fi	Wi-Fi	Wi-Fi



### X-431 HD Add-On Truck Module

New generation professional heavy-duty truck diagnostic tool works as an accessory to X-431 PAD II AE.

#### FEATURES & BENEFITS

- Turn your X-431 PAD II AE into a full function Heavy Duty Truck Scan Tool with the Launch X-431 HD Add-On Truck Module
- Communicates via Bluetooth or hard wired to the vehicle
- Works on 12 volt or 24 volt systems
- Extensive model coverage: CAT, Cummins, Detroit, Freight-liner, Fuso, Hino, International, Isuzu, KW, Peterbilt, Sterling, Volvo
- Parameter changes, Injector replacement, Cylinder Compression Test, Injector, Cut Out Test, DPF Regeneration
- Communicates with Transmissions from Allison, Eaton, and others
- Tech to Tech enabled
- Communicates with Wabco and Bendix ABS systems



### Gear HD

Gear HD is an revolutionary smart solution exclusively for commercial vehicle diagnosis. It inherits from Launch's advanced diagnosing technology and is characterized by covering a wide range of vehicles. It features powerful functions, and powerful test results.

#### FEATURES & BENEFITS

- Support Heavy Duty OBD
- Support Heavy Duty Vehicle, such as CUMMINS, USAFORD, CHRYSLER, HD VOLVO...
- Support Read DTCs, Clear DTCs and Read Data Stream
- Access to Diagnosis Quickly by [SCAN] Function to Read Engine, Auto Transmission, ABS, SRS, Instrument Panel and Body& Chassis.
- Report Sharing by Emails and Print.
- Professional Technicians Assist to Track and Handle the Customer's Problem in [Diagnostic Feedback]
- Diagnostic record checking and enter the system speedily when diagnose again.
- Abundant Special Functions
- Injector Relearn, Injector Coding, Cylinder Cut-out, Cylinder Compression and DPF Regeneration.



### Millennium HD Pro (A new Heavy-Duty Code Scanner with DPF)

Millennium HD Pro is a new generation heavy-duty DPF tool. It is specially designed for the Heavy Duty market. It has integrated DPF function with read and clear DTCs, read freeze frame, read vehicle information, graphic display and basic functions.

#### FEATURES & BENEFITS

- For gasoline vehicles (I/M Readiness, O2 sensor test and EVAP test), Read and Clear DTCs, Reads Vehicle Information, Graphic Display
- Read DTCs, Clear DTCs and Data Stream for Heavy Duty OBD (J1708 AND J1939)
- Supports Caterpillar Coverage
- Supports parked/stationary regen command for most makes and models
- Includes 6 pin, Type II 9PIN and 16 pin adapters
- English, Spanish, and French
- Free lifetime updates

#### SPECIFICATIONS

- Display Screen: 4.0" LCD
- Input Voltage Range: 12-24V



### Millennium HD Lite (2 in 1 Code Reader)

Launch NEW simple heavy duty tool for entry-level market, can provides excellent diagnostic functions for both EOBD and HD-OBD vehicles.

#### FEATURES & BENEFITS

- Compliant with heavy duty Trucks with HDOBD protocols (J1587, J1939 and J1708 Class 4- class 8 trucks)
- Access to Engine, Transmission, Instrument Panel, Drivetrain, Brake, Suspension, ABS, ESP, EPS, fuel systems and more, best for American HD trucks ( Class4-Class8)
- Support all passenger cars & light duty vehicles from 1996 on
- Shortcut keys includes VIN Scan, DTC lookup, battery inspection
- Monitor the charging status with voltage to checks the battery and alternator
- Free lifetime updates
- Includes both 6 & 9 PIN connectors
- Multi-Language: English, Spanish and French supported



### Millennium TSAP Plus

Millennium TSAP Plus is a professional diagnostic tool which integrates TPMS sensor activation, reading, learning and programming. It uses high and low radio frequency to activate and read tire pressure sensor information and uses the OBD interface to reset the TPMS modules. And it can unlimitedly program Launch sensors, covering all major OE sensors.

#### FEATURES & BENEFITS

- Use 125KHz modulating wave signal to activate sensor, Receive 315MHz/433MHz RF signals
- Read TPMS sensor ID, tire pressure, and temperature
- Read and write sensor ID via OBD interface
- Turn on and off TPMS MIL
- Read and clear TPMS DTCs
- Display status of four wheels graphically
- Wireless programming, unlimited programming



**Rubber\*4**  
(307110007)

**Metal\*4**  
(307110008)

### Millennium TSAP Pro

Millennium TSAP Pro is a professional diagnostic tool which integrates TPMS Sensor activation, reading, learning & programming. It uses high and low frequency to activate and read tire pressure sensor information and uses the OBD Interface to reset the TPMS Module. It can program Launch sensors, covering all major OE sensors.

#### FEATURES & BENEFITS

- Uses 125 KHZ modulating wave signal to activate sensor, receive a 315 MHZ/433 MHZ RF Signals
- Read TPMS sensor ID, tire pressure, and temperature
- Read and write sensor ID via OBD Interface
- Display status of four wheels graphically
- Wireless programming, unlimited programming
- Perfect solution kit with 4 metal and 4 Rubber dual frequency (315 MHZ & 433 MHZ) RF Sensors



**Rubber**  
(307110007)



**Metal**  
(307110008)

### RF TPMS Sensor V2.0 - Tire Pressure Monitor Sensor

Monitor your tire pressure with Launch's Radio Frequency TPMS Sensor V2.0.

#### FEATURES & ADVANTAGES

- Cover more than 95% OE Replacement sensors
- Multi-Band Protocols 433/315MHz frequency bands are compatible
- 3-5 years of battery life
- Unlimited programmability
- Over the air programming
- Support multiple sensors programming at the same time (for V2.0 only)

#### SPECIFICATIONS

Item	RF Sensor
Working Pressure	2.4V - 3.6V
Working Humidity	95% MAX
Working Temperature	-40°C - 105°C
Storage Temperature	-40°C - 125°C
Pressure Range	0 - 135 psi (0~900 KPa)
Temperature Range	-40°C - 105°C
Operating Frequency	315MHz / 434 MHz dual band
RF Transmitter Power	6 dBm MAX
Weight	35g
Waterproof	IP67



### TIT202 - Thermal Imager

Using the advanced infrared technology, TIT202 can convert the radiation information into image, and clearly displays on the color screen.

It reflects the slight detect device cannot detect them.

#### FEATURES & BENEFITS

- Visible light combined with infrared images
- 3.5" TFT high definition color screen
- Five modulated imaging modes
- Super sensitivity of 0.07 degrees
- Built-in 3G storage, can store 20,000 pictures
- 0.5~40m imaging distance

#### SPECIFICATIONS

- Display: 3.5 240x320
- Capture 20,000 JPG pictures
- Color Palette Rainbow: iron red, cool color, Black & White
- Visible Light Camera: 30,000 pictures
- Micro USB 2.0
- Dimension: 224x75x102mm
- Weight: 350g

#### Applicable Vehicle

Car, motorcycles, lawn mowers and other gardening machines, Group 31, commercial vehicles 4D/8D.

#### Applicable Battery Types

6V, 12 V and 16 V batteries (Lead-acid battery, gel battery and AGM battery)



### BST-560 - Portable Battery System Tester

BST-560 enables you to test your car battery and ensure that it is operating at optimum levels. It supports 6 kinds of tests, includes ripple detection, battery test, electric current test, starter tester, charging system test, voltage test. More, it is ideal for a range of vehicles.

#### FEATURES & BENEFITS

- A variety of applicable vehicle types, battery types and calibration systems
- The potential problem of vehicles can be detected in advance
- The battery and circuit system can be detected simultaneously
- The battery test results are quick and accurate (within 3 Sec.)
- No heating, no discharge, no spark, no operating risks
- Support Automatic temperature compensation function
- Available to the batch inspection of battery by testing continuously and repeatedly
- Support multiple languages menu
- Results of the battery test: 'Good' or 'To replace'

#### Applicable Vehicle

Car, motorcycles, lawn mowers & other gardening machines, Group 31, commercial vehicles 4D/8D

#### Applicable Battery Types

6V, 12 V and 24 V batteries (Lead-acid battery, gel battery and AGM battery)

\*BST-860 old version needs to be upgraded to support 24 V batteries



### BST-860 - Portable Battery System Tester With Built-In Printer

with big screen and printer, BST-860 is an all-rounded battery tester to run a complete systems charging diagnosis. It supports 6 kinds of tests, includes ripple detection, battery test, electric current test, starter tester, charging system test, voltage test. More, it is ideal for a range of vehicles.

#### FEATURES & BENEFITS

- Built-in thermal printer
- The USB port can export service records
- A variety of applicable vehicle types, battery types and calibration systems
- Large screen with backlight and user-friendly interface
- The potential problem of vehicles can be detected in advance
- The battery and circuit system can be detected simultaneously
- The battery test results are quick and accurate (within 3 Sec.)
- No heating, no discharge, no spark, no operating risks
- Support Automatic temperature compensation function
- Available to the batch inspection of battery by testing continuously and repeatedly
- Support multiple languages menu
- Results of the battery test: 'Good' or 'To replace'



### Videoscope 600

VSP-600 can help the technician to view and save the images and videos on Launch X-431 scanner and android mobile or PC.

#### FEATURES & BENEFITS

- View, record, and save images and videos
- Take images easily with the one-click snapshot button
- Easy to adjust the strength of light levels
- Working Temperature: 0~65C
- Sensor Size: 1/9"
- Cable Length: 2m
- Tube Length: 800mm
- Lens O.D: 5.5mm



### Videoscope 800

The Launch Videoscope 800 is the perfect tool for viewing and capturing still images of hard-to-reach areas. View real-time internal structure of the vehicle on the 2.7" TFT Display. Videoscope 800 also records and saves images and videos.

#### FEATURES & BENEFITS

- View, record, and save images and videos.
- 2.7" TFT display for convenience in real-time viewing.
- Standard lens tube: 5.5mm, length: 1M.
- Optimum Camera Focal Distance: 30-80mm.
- Working Temperature: 20~60C (-4~140F)



## Videoscope 808

The Launch Videoscope 808 is the perfect tool for viewing and capturing video and still images of hard-to-reach areas. View real-time internal structure of the vehicle on the 4.3" TFT display, VSP-808 also record and save images and video.

### FEATURES & TECHNICAL PARAMETERS

- Multi-functional HD visual washing machine for automobile A/C
- 4.3" TFT LCD Monitor enables real-time high-definition viewing
- Stable and durable button-type water injection valve
- 12mm diameter precise and multi-functional probe, including megapixel HD camera, 6 adjustable high bright LED lights and large flow fountain head
- Highest waterproof grade, protected by tempered glass, being of high permeability in image
- Shape of lens tube at a length of 700mm/high temperature resistance tube
- Probe and lens tube waterproof at IP67



- **Plug&Play**
- **Compatible with X-431 Throttle, X-431 Station, X-431 PADIII, X-431 PADII.**

## B2-1 Batterybox

Launch B2-1 Batterybox is an multifunction battery module by adopting the world's current advanced conductance testing technology. It featured to test the common fault of the vehicle starting system and charging system, Start up&amp; and so on.

### FEATURES & BENEFITS

- Test all automotive cranking lead acid battery, including ordinary lead acid battery, AGM flat plate battery, AGM spiral battery, Gel battery and EFB battery, etc
- Directly detect bad cell battery
- Polarity reverse connection protection, reverse connection will not damage the tester or affect the vehicle and battery
- Directly test the battery with loss of electricity, no need to full charge before testing
- Testing standards include currently the world's majority of battery standards, CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE and GB
- Report could be sent via Email and support online checking



- **Plug&Play**
- **FREQUENCY, VOLTAGE, RESISTANCE**
- **Compatible with X-431 Throttle, X-431 Station**

## S2-1 Sensorbox

With intuitive interface, it supports one-click to enter the sensors, actuators, multimeter. It can simulate different actual working conditions of the car and send out the effective signal.

### FEATURES & BENEFITS

- Work with Launch scanners, it assist the technician to troubleshoot quicker and easier by analyzing the waveforms.
- Set the waveform data by written directly
- Sensor Signal Simulation Tool for all makes
- It can replace the signals of ECU to drive the actuators, such as the fuel injector, EGR sensor, Throttle signal simulation...
- It can simulate some special sensor signals, such as crankshaft position sensor
- Support 4000 count multimeter (DCV, ACV, Resistance, Diode, Capacitor, On and Off)

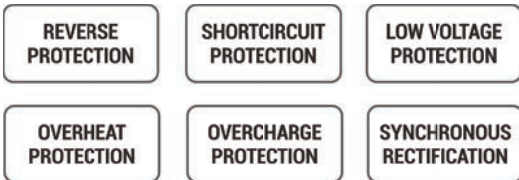


## Wi-Fi MINI PRINTER for the PAD II AE

Introducing a sleek and ergonomic printer to go with your Launch Tech Diagnostic Pad or Tablet– and the best part – it's wireless to the scan tool!

### FEATURES & BENEFITS

- Print Wirelessly From Your Launch Tech Android Scan Tool!
- Works with all current Android platforms
- Print Codes, Code Definitions, Module Information, Live Data, Coding Information, & Diagnostic Procedures!
- Highly Portable, Sleek, Ergonomic, & Lightweight, Design - Fits Right In Your Pocket!
- Includes Thermal Paper, Charger & Form Fitting Storage Box
- Rechargeable Lithium Ion Battery - Lasts Days On A Single Charge
- Automatic Battery Charge Indicator
- Autoload & Feed Printer Design
- Fast Printing Capabilities



## PFP-100: Programming Flash Power

A Must Tool for vehicle diagnosis, preventing its failure and abnormal if low voltage.

### 4 Working Modes

- **Charging Mode**  
The regular mode for battery that under normal condition.
- **Exhibit Mode**  
Charging the battery continually in small current in showroom.
- **Programming Mode**  
the programming voltage of 12-16V can be directly selected.
- **Hidden Repair Mode**  
Auto repair if there is a minor issue of battery.

### Specifications

Items	PFP-100	Programming Mode	2~16V/2~100A
Input Voltage	110V/50~60HZ	MAH	10~1200Ah
Power	1200W	Dimension	430x380x140(mm)
Max. current	100A	Electric Cable length	3m
Charging Voltage	120V/110V	Weight	8.5kg



6.5 ft OBD-II Main Cable & BMW  
Proprietary 20 Pin adapter included

## J-Box 3: Reflash Module

The new J-Box 3 sets the standard for Pass-Through Devices. It is compatible with both SAE J2534-1 and J2534-2 reprogramming standards!

### FEATURES & BENEFITS

- Compatible with both SAE J2534-1 and J2534-2 reprogramming standards
- Improved future compatibility for ALL makes & models
- Support for all popular vehicles sold in the U.S.
- High Speed USB (480Mbps)
- Compatible with the following Windows operating systems: XP, 7, 8 & 10. (As specified by manufacturer)
- Robust USB connection via screw fastened 9 Pin D-Sub. (Guaranteed secure connection)
- Tough cast aluminum housing
- VW specific protocols and additional pin switching
- Chrysler SCI (J2610)
- Simple status LED indicators
- 2 year Warranty
- Free Dedicated Expert J2534 call in support: Phone 1-734-222-5228 Drew Tech
- BMW Proprietary 20 Pin adapter included

### SUPPORTS

- GM's Tech 2 WIN and GDS2
- Toyota Tech stream
- VW/Audi ODIS
- BMW ISTA
- Jaguar Land Rover IDS
- Honda HDS