

LAUNCH TECH UK



PRODUCT CATALOGUE 2026

Diagnostics · Calibrations · EV Services

X-431 EURO

Software Packs



While the earlier development of diagnostic tools focused on changes in hardware due to technical applicability, the future of vehicles around the world will be characterised by the rapid development of digital components and more complex software. To meet the requirements of the new vehicle standards, LAUNCH Europe presents a new concept for the implementation of diagnostic software with the introduction of the X-431 EURO software packages.


Instead of annual hardware changes and the need for the customer to regularly upgrade the product, LAUNCH Europe aims to offer a software package that includes the diagnostic device in the physical form of the X-431 EURO while allowing the customer to flexibly opt for or against a variety of diagnostic options by choosing the desired software licence options.

With the release of the X-431 EURO Basic, Professional and Expert, we are offering three customised software packages. With these packages, the customer can decide for themselves which diagnostic functions they require and how comprehensive the database should be. The advantage of this is that the customer receives exactly the product they need for their daily workshop use.

SOFTWARE PACKAGES




BRONZE PACK




- DIAGNOSTIC SOFTWARE
- SGW PACKAGE
- SRD PAY PER USE LICENCE
- VAG GUIDED FUNCTIONS
- ADAS DYNAMIC CALIBRATION

SILVER PACK



- DIAGNOSTIC SOFTWARE
- SGW PACKAGE
- SRD PAY PER USE LICENCE
- VAG GUIDED FUNCTIONS
- ADAS DYNAMIC CALIBRATION
- ONLINE FUNCTION / PROGRAMMING
- CarSET PRO DATABASE

GOLD PACK



- DIAGNOSTIC SOFTWARE
- SGW PACKAGE
- SRD PAY PER USE LICENCE
- VAG GUIDED FUNCTIONS
- ADAS DYNAMIC CALIBRATION
- ONLINE FUNCTION / PROGRAMMING
- CarSET ULTIMATE DATABASE
- EV SOFTWARE



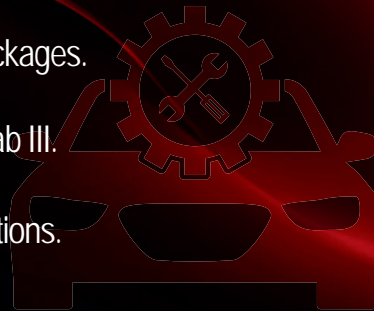
Included with the purchase of one of our software packages.



Continues all service functions of the X-431 EURO Tab III.



Improved network stability for online and remote functions.



X-431 EURO SPECIFICATIONS



SUNLIGHT READABLE

The X-431 EURO uses the optical bonding technique of light penetration and non-reflection to achieve readability in sunlight.

THINNER AND LIGHTER

The new design guarantees easy portability with a lighter frame, while simultaneously increasing the screen size.

ULTRA LARGE STORAGE

12GB Memory and 512GB storage.

UPGRADED OPERATING SYSTEM

The Android 13 Operating System enhances the speed and smoothness of the user experience.

SECURE CONNECTION

SmartLink C DB15 Interface enables a secure connection and prevents the unwanted disconnect of coupled devices.

INNOVATIVE SMARTLINK C V3.0

New concept hardware design and enhanced Wi-Fi communication.

HIGHER SCAN EFFICIENCY VIA MULTI-CHANNEL SYSTEM FOR SPEED UP TO 10x



Type C, Type A, DC IN, Micro SD, Mini HDMI



DB15 Diagnostic Interface



Power/Screen Lock Key



0°-180° Kick-Stand



LAN/WAN Port, Data I/O Port & DC IN

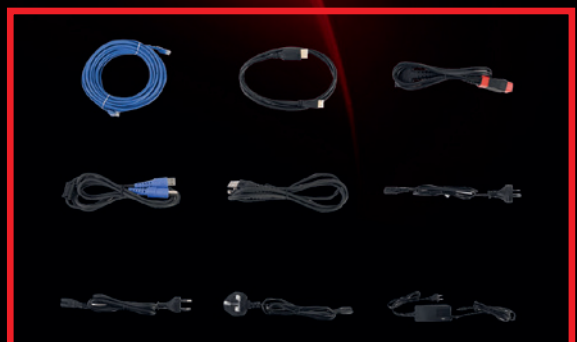


Heat Sink

SPECIFICATION (Tablet)

Operating System	Android 13
CPU	2 GHz, Octa-Core
Memory	12Gb
Storage	512Gb
Display	13.6", 2560x1600
Battery	9,360 mAh, 7.6V/71.1Wh
Camera	Rear 20MP, Front 8MP
VCI Connection	2.4GHz&5GHz Dual WI-FI
Interface	Type C, Type A
Size	377*246*35mm

CONNECTORS / CABLES



CUSTOMISED WORKSHOP SOLUTIONS

NEW X-431 EURO



COMPREHENSIVE
OE-LEVEL
DIAGNOSIS



EV*
PASSENGER CAR,
& HD SUPPORTED*



CAN/CANFD
/DOIP/J2534
PROTOCOLS



SMARTLINK
REMOTE
DIAGNOSIS



41 ADVANCED
SERVICE
FUNCTIONS



ADVANCED
PROGRAMMING



KEY
PROGRAMMING



X-431FIX*
DATABASE



TOPOLOGY
MODULE
MAPPING



IP65
WATERPROOF
& DUSTPROOF

Security Gateway

With the EU Regulation 2018/858 coming into effect, more and more vehicle manufacturers have started to protect access to the vehicle electronics via the OBD interface using so-called security gateway modules. This affects the previously unrestricted communication between the vehicle diagnostic device and the respective vehicle. LAUNCH Europe GmbH currently offers SGW activation for FIAT Chrysler Automobiles (available with Maserati), Mercedes, Renault / Dacia and most recently Volkswagen AG models to enable activation and thus full access to all diagnostic functions again.

Advantages Security Gateway



Unrestricted Diagnosis

With a LAUNCH SGW activation card, it is possible to regain full access to the vehicle's control units and on-board electronics.



Special Functions Available

With the purchase and registration of a Security Gateway licence for a LAUNCH X-431 diagnostic device, you will still have access to special functions such as coding and programming.



Quick and Easy Access

You can order your SGW activation quickly, easily and conveniently via our sales partners. We currently offer SGW activation for FIAT Chrysler Automobiles and Renault / Dacia models.



VAG
Mercedes

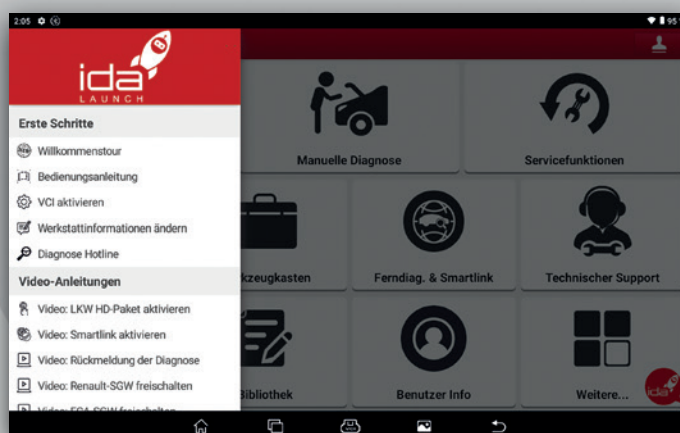


FIAT
FIAT CHRYSLER AUTOMOBILES

Within the framework of a cooperation agreement with the FCA Group, Renault / Dacia, Mercedes, Maserati and VAG LAUNCH Europe GmbH enables the SGW activation of all vehicle models equipped with the Security Gateway technology. In this way, unrestricted vehicle communication between the vehicle diagnostic device and the vehicle can be realised again and all diagnostic functions can be fully used.

Intelligent Diagnostic Assistant IDA

LAUNCH Europe has now implemented the new Intelligent Diagnostic Assistant IDA on the latest X-431 diagnostic devices. IDA is a program that will explain and guide you through your LAUNCH X-431 diagnostic tool. It will show you the high diagnostic performance of the tool and how to use it.



IDA Advantages



Diagnostic Onboarding / Training

With tutorials, training courses, technical information and a basic diagnostic function support, IDA is programmed to introduce the functionality of LAUNCH X-431 devices. IDA offers a guided tour through the system and shows an overview of the main settings and functions.



Diagnostic Support / Technical Solutions

Step by step video content of the main features and service functions will be implemented into the system. In future LAUNCH Europe will develop the diagnostic assistant IDA to offer a reliable and professional solution for various diagnostic problems.



News / Software Updates and Feedback

Updates, news und other informations will also be announced by the system.

Vision

LAUNCH Europe will continuously develop and improve the performance of IDA. Step by step we will implement various informations and training modules into our system to support all technicians.

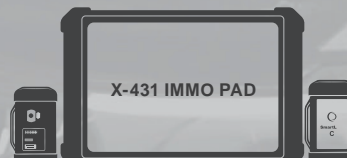
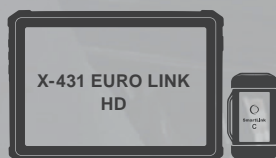
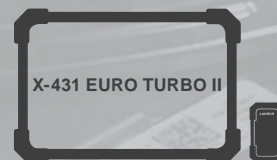
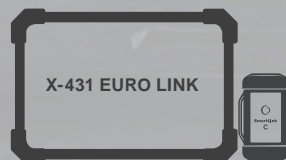




X-431 Series

Diagnostic Tools for Professional Workshops

With over 20 years of experience, LAUNCH is one of the leading manufacturers in professional vehicle diagnostics with the X-431 being our flagship series. Our smart X-431 Series workshop tablets have a wide vehicle coverage paired with high test depth. The X-431 app offers you weekly updates and guarantees a constantly growing diagnostic scope.





Intuitive Operation

The clear menu structure of our diagnostic app guides every user quickly to their destination. All steps are conveniently completed through a touch screen with one-finger operation. A modern Android operating system ensures a smooth program flow.



Automatic Vehicle Recognition

With intelligent diagnostics, you can identify vehicles without having to select a manufacturer beforehand. With our specially developed VIN decoding process, our diagnostic app recognises the vehicle manufacturer or model automatically. A manual type selection is no longer necessary.



Recording and Playback of the Parameters

Our integrated recording function helps with sporadic errors that only occur under certain driving conditions. All marked parameters of a control unit can be stored over a longer period with a single click. Due to the integrated playback function it can be used for immediate evaluation.



Freeze Frame

Check the parameters and time after a stored error occurs. Most manufacturers currently store all information such as temperature, speed, velocity and time in the event memory of a control unit.



Maintenance Menu of Relevant Service Functions

In our maintenance menu, a service interval can be reset with a few clicks, new batteries can be relearned or a throttle valve can be reset. This is supported by an automatic vehicle identification and simple menu navigation, which brings every user to his goal quickly.



Wide Vehicle Coverage for Maximal Diagnostics

Whether common vehicles or luxury cars, with the X-431 Series you can handle a wide range of your customer's fleet, from VW Golf to Porsche Cayenne. Especially vehicle models from Far Eastern manufacturers such as Honda, Kia, Nissan, Toyota or even Lexus.



ADAS Calibration

After replacing a windscreen or bodywork, the sensors of the Advanced driver assistance systems often have to be recalibrated. Adapted to our new calibration set X-431 ADAS PRO, you now have the possibility to recalibrate the lane departure warning system, Vehicle-interval radar or the rear view camera with our diagnostic software.



Updates at Fair Prices

With your X-431 workshop tablet, you will always automatically receive an update package without any further contractual obligation. You can always purchase your updates according to your personal needs, even if you haven't updated it for some time.



Supports During Fault Diagnostics and Service Work

Our extensive LAUNCH CarSET Database supports you in all workshop work. Whether it's guided fault diagnosis with circuit diagrams, repair data or torque values. Thanks to our permanent maintenance you are always up to date and also informed about current manufacturer recall actions.



Intelligent Diagnosis Assistant (IDA)

The new intelligent diagnostic assistant (IDA) from LAUNCH powered by WalkMe helps you to learn diagnostic processes and functions more quickly.



Cloud Print

The LAUNCH Cloud Print platform is an online database and offers the possibility to store and print all diagnostic reports of a registered LAUNCH X-431 diagnostic device online. With the help of the cloud print platform, it is now easily possible to provide the customer with a diagnostic report without having the diagnostic device in place. Departments that deal with invoicing or customer support benefit from this new possibility of location-independent data retrieval.



optionally available

X-431 EURO TAB III Combi Diagnostic Solution

The X-431 EURO TAB III, running on the Android 9 system, is the latest evolution in our X-431 Series and a high-end vehicle diagnostic tool developed by LAUNCH. It builds on the technology and diagnostic strengths of the previous X-431 EURO TAB II model, offering extensive vehicle coverage, advanced test capabilities, multiple special functions, and precise test data. In addition, it includes six enhanced service functions and more. The device is equipped with the Smartlink C as standard VCI and is compatible with the LAUNCH Super Remote Diagnosis System (SRDS).



Software Updates Included



Included CarSET PRO Database



ADAS Function



J2534

Supports PassThru, DoIP



Remote Diagnostics Solution



Compatible Modules:

Included: O2-2 ScopeBox, X-431 TSGUN,
Optional: S2-2 SensorBox, BST360 Battery Tester,
VSP-800 Videoscope, X-PROG3 Immobiliser



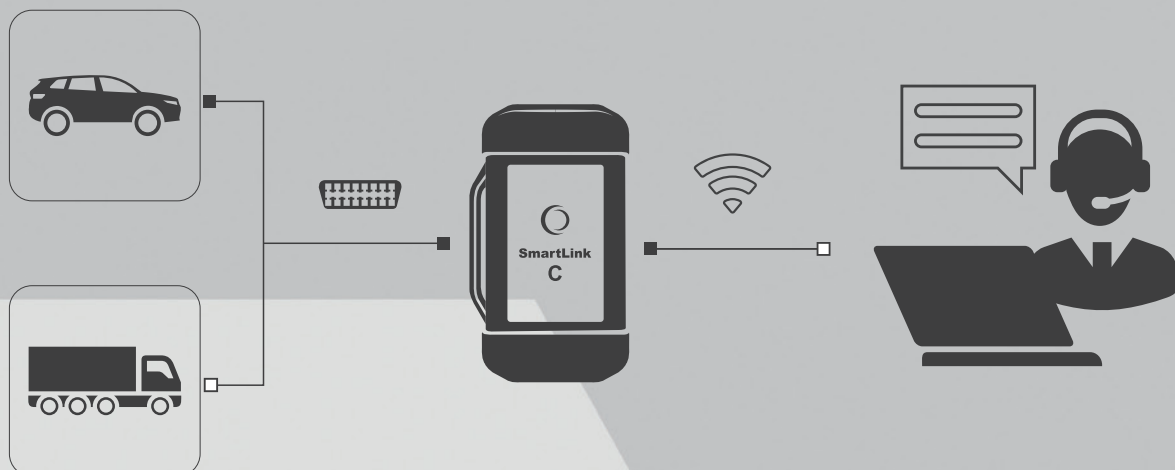
Intelligent Diagnosis Assistant



Cloud Print

Service Functions

Remote Diagnostic



Over time modern vehicles are being equipped with increasingly more electric systems, which make the diagnosis for independent workshops without OEM Diagnosis Software more difficult. Remote diagnostic is the solution for this problem. By using the SmartLink C device, a well-trained diagnostic technician can remotely connect to the car using the PassThru function and can then provide an OE-Level diagnosis including troubleshooting, coding and special functions.

All that is needed is a SmartLink C device connected to the internet and the vehicle. As soon as these requirements are met, the SmartLink C device will enter the "Remote Diagnostic Mode" which will connect you directly to a professional remote diagnostic technician. You can then easily request required services. If needed you can also extend the Remote Diagnostic software to heavy duty vehicles (HD) and trucks to access more powerful and additional diagnostic possibilities on OE-Level.

Technical Data X-431 EURO TAB III

Operating System Android 9.0	Processor 2.0 GHz 8 Octa-Core	Display 13,3" 1.920 x 1.080 px	RAM 8 GB	Memory 256 GB	Micro SD Card up to 128 GB (not included)
Wi-Fi 2,4 GHz / 5 GHz	USB Type C, A	Bluetooth	Camera 8 MP Front 13 MP Rear	Battery 9.360 mAh 7,6 V / 71,1 Wh	Dimensions 353 x 236 x 71 mm

SmartLink

Supports Passenger and Commercial Vehicle	Remote Diagnosis	Local Diagnosis	PassThru J2531, D PDU, RP 1210
Compatible with DoIP			



X-431 EURO TAB III



X-431 EURO TAB III Tablet, SmartLink, O2-2 ScopeBox, X-431 TSGUN and 4 Sensors, USB Cable and USB Power Adapter, 3 Car Connectors: BENZ-38, BENZ-14, BMW-20



CarSET PRO Database



X-431 EURO LINK Combi Diagnostic Solution

The X-431 EURO LINK, equipped with a 10.1 HD display, is the latest automotive diagnostic solution from LAUNCH and, with its powerful hardware and software specially adapted for the European market, offers a comprehensive and optimal solution for all automotive workshops. With numerous diagnostic functions, such as reading/clearing fault codes, reading parameters, actuation tests, coding, a total of 30 practical service functions and more, it covers all local diagnostic requirements.



Software Updates Included



Access to Remote Diagnostic Services via SmartLink VCI



Includes CarSET PRO Database with Electronics and Smart



Intelligent Diagnosis Assistant



ADAS Function



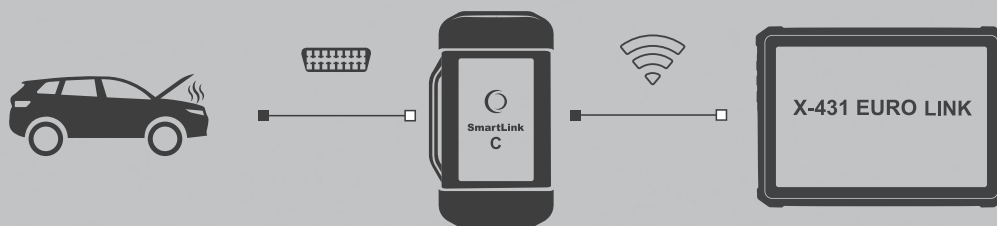
Cloud Print



HV Service Functions for Electronic Vehicles

Service Functions

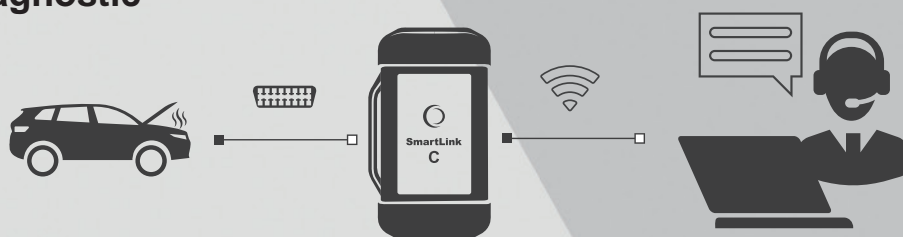
Local Diagnostic



Defective vehicle of your customer on-site in your workshop or externally at mobile services. Connect the SmartLink device to the vehicle via OBDII port.

The SmartLink can communicate with your diagnostic device via cloud platform and easily access OBD diagnostic functions as well as the full range of the X-431 EURO LINK service functions.

Remote Diagnostic



Over time modern vehicles are being equipped with increasingly more electric systems, which make the diagnosis for independent workshops without OEM Diagnosis Software more difficult. Remote diagnostic is the solution for this problem. By using the SmartLink C device, a well-trained diagnostic technician can remotely connect to the car using the PassThru function and can then provide an OE-Level diagnosis including troubleshooting, coding and special functions.

All that is needed is a SmartLink C device connected to the internet and the vehicle. As soon as these requirements are met, the SmartLink C device will enter the "Remote Diagnostic Mode" which will connect you directly to a professional remote diagnostic technician. You can then easily request required services. If needed you can also extend the Remote Diagnostic software to heavy duty vehicles (HD) and trucks to access more powerful and additional diagnostic possibilities on OE-Level.

Technical Data X-431 EURO LINK

Operating System Android 10	Processor 2,0 GHz 4 Core	Display 10,1" 1.280 x 800 px	RAM 4 GB	Memory 128 GB	Wi-Fi 2,4 GHz / 5 GHz
USB	Bluetooth	Camera 5 MP Front 8 MP Rear	Battery 6.300 mAh	Dimensions 274 x 190 x 40 mm	

SmartLink C

Supports Passenger and Commercial Vehicle	Remote Diagnosis	Local Diagnosis	PassThru J2531, D PDU, RP 1210
Compatible with DoIP			



X-431 EURO LINK



BENZ 38, BENZ 14, BMW 20, OBD I Adapter Box, 16-pol OBD-Bluetooth Adapter, Double Clamp Power Line, Cigarette Lighter Line, Extension Line, PIN Envelope



CarSET Pro
Electronics and Smart Database

MOT IV Motorcycle read@r PROFESSIONAL

The improved MOT IV specialised for motorcycles.



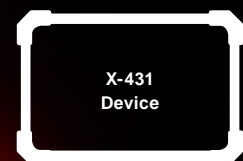
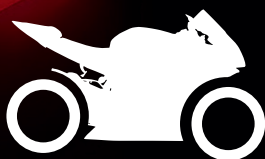
With the LAUNCH CRP MOT IV Motorcycle edition, LAUNCH Europe has created a multibrand diagnostic device especially and only for motorcycles for the European market. Combining the powerful hardware of the new MOT IV and its diagnostic functions, it is the ideal diagnostic device for motorcycle workshops. The new diagnostic options of the CRP MOT IV Motorcycle include read/clear fault codes, actuator tests, read data stream and much more.

The CRP MOT IV Motorcycle also includes 9 diagnostic adapters for manufacturers such as BMW, Ducati, Harley-Davidson, Honda, Kawasaki, Suzuki, Yamaha and others.

In conjunction with the motorcycle adapters, the new MOT IV Motorcycle is a valuable companion in any motorcycle workshop. We will continuously expand the range of motorcycle adapters and the associated motorcycle software to meet the increasing demands in motorcycle workshops. You can combine the motorcycle software also with one of your LAUNCH Europe X-431 devices and purchase the motorcycle adapter-kit with the according software separately to expand the functionality of your LAUNCH diagnostic tool.

Manufacturer coverage

- Bmw
- Harley-Davidson
- Indian
- Polaris
- Victory
- Keller
- Ducati
- Honda
- Kawasaki
- Suzuki
- Yamaha



DBScar VII VCI

Features



Software Updates Included



Battery Tester and Videoscope















Growing manufacturer coverage








Available individually:
Motorcycle connector pack

Technical Data CRP MOT IV

 Operating System Android 10	 Processor 2,0 GHz 4 Core	 Display 8" 1.280 x 800 px Gorilla Glass	 RAM 4 GB	 Memory 64 GB	 Wi-Fi 2,4 GHz / 5 GHz
 USB	 Bluetooth	 Camera 5 MP Front 8 MP Rear	 Battery 6.300 mAh	 Dimensions 274 x 190 x 40 mm	 Motorcycle Diagnostics

DBScar VII VCI

 Local Diagnosis via Bluetooth	 Stable Connection	 Compatible with DoIP	 CAN FD/CN/SCAN/ FCAN
 J1850 PWM KWP/L-line Chrysler CCD and more J2534			

Scope of Delivery



CRP MOT IV



Softcase: 2 vehicle Connectors: BMW-20, BENZ-38, DBScar VII VCI, DoIP adapter cable, VCI connection cable, power adapter, USB cable type A/C






X-431 IMMO PAD

Vehicle Key Programming

The X-431 IMMO PAD, running on the Android 7.1 system, is a 10-inch vehicle key programming device developed by LAUNCH. It features robust hardware and provides advanced anti-theft solutions, ideal for locksmiths and vehicle repair workshops. The X-431 IMMO PAD supports key programming, engine and gearbox programming, and offers advanced reprogramming for various vehicle components. It also incorporates LAUNCH's proven strengths in diagnostic technology, including broad vehicle coverage, comprehensive diagnostic functions, numerous special features, and precise test data.


 **Software Updates Included**

 **Anti-Theft Password Reading and Replacement**




 **Remote Control Matching**

 **Anti-Theft Type Identification**

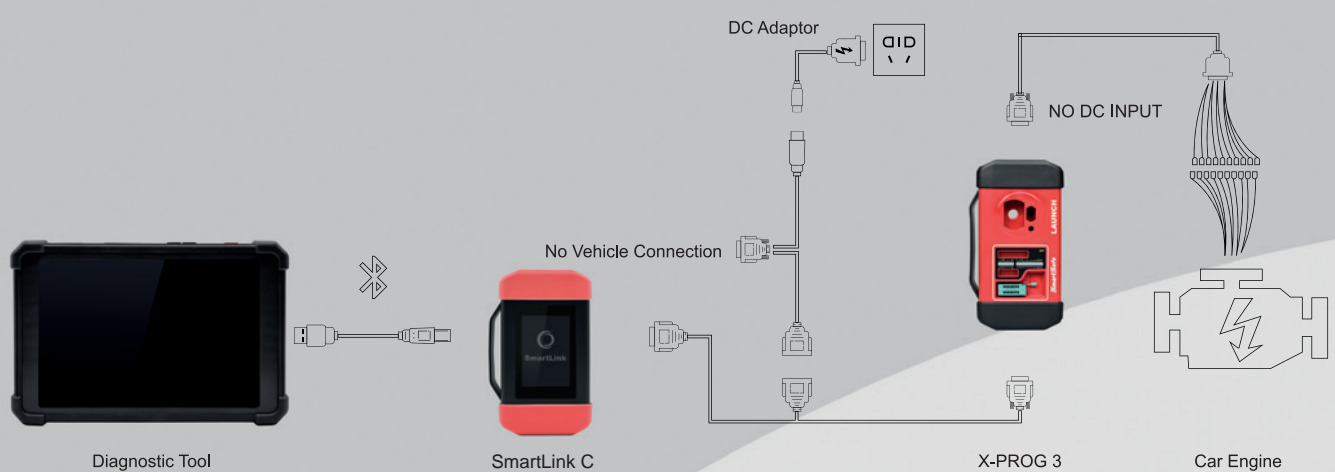
 **Key Chip Read & Write**

 **Remote (optional license) and Local Diagnosis**

Service Functions

 Electric Parking Brake Reset	 Oil Service	 Steering Angle Sensor Calibration	 Battery Relearning	 Brake Bleeding System	 Diesel Particulate Filter	 Injector Coding	 Relearning Throttle Valve	 Tyre Pressure Monitoring System	 Crankshaft Position Sensor	 Immo PROG	 Adaptive Driving Light	 Transmission Adaption Value Reset
 Sunroof	 Chassis Calibration	 Exhaust Gas Recirculation	 Fuel Mixture Adaption	 AdBlue Reset	 Coolant Venting	 Nitrogen Oxid Sensor Reset	 Driver's Seat Memory	 Start-Stop Reset	 Transport Mode	 Tyre Diameter Reset	 Window Regulator Reset	 Menu Language
 Gasoline Particulate Filter	 Intelligent Cruise Control System	 A/C System Relearn	 Motor Angle Calibration	 Engine Power Balance Monitoring	 High Voltage Battery Diagnostics	 Immobiliser	 Turbo Matching	 Clutch Matching	 FRM Matching	 Rain Light Sensor	 Gateway Module Data Calibration	 ECU Reset

Anti-Theft Matching Engine / Gearbox



Remote Diagnostic



Technical Data X-431 IMMO PAD

Operation System Android 7.1	Processor 2.0 GHz 8 Core	Display 10" FullHD IPS 1.920 x 1200 px	RAM 4 GB	Memory 64 GB	Wi-Fi 2,4 GHz / 5 GHz
USB	Bluetooth	Camera Front: 8 MP Rear: 13 MP	Battery 9.360 mAh	Dimensions 320 x 211 x 46 mm	

SmartLink C

Display 3,97" Single Touch Screen	Working Voltage DC 9 – 36 V	Memory 8 GB	Working Temperature - 10° C – 50° C
Wi-Fi 5 GHz Ethernet	USB Type B 2.0	Bluetooth	Dimensions 204 x 110 x 45 mm



X-431 IMMO PAD



Power Adapter, 5V/ 5A, Type A to type C USB
Data Cable, Connection Cable, X-431 IMMO
PRO Quick Start



X-PROG 3



X-431 IMMO PAD ACCESSOIRES

Vehicle Key Programming



Packaging Info










All contents

	X-431 IMMO PAD Smartlink tablet		TOYOTA-22 diagnostic connector
	SmartLink C		BENZ-38 diagnostic connector
	NISSAN-14+16 diagnostic connector		DBScar, OBD I Adapter BOX transfer line
	BENZ-14 diagnostic connector		Double clamp power line, RoHS
	BMW-20 diagnostic connector		Six Kinds of Gigabit Networks (Blue) 15m
	CHRYSLER-6 diagnostic connector		SmartLink C end male-to-male diagnostic cable, 1m
	FORD-6+1 diagnostic connector		The cigarette lighter line
	GM/VAZ-12 diagnostic connector		USB A-type to B-type cable
	HONDA-3 diagnostic connector		QC3.0 Fast charging adapter (incl. data line 5V3A, 9V2.7A, 12V2A)
	KIA-20 diagnostic connector		Overseas standard configuration of x-prog3 car anti theft matching programmer
	MITSUBISHI/HYUNDAI-12+16 diagnostic connector		Universal PIN envelope, RoHS
	TOYOTA-17 diagnostic connector		X-431 IMMO PAD quick start

SmartLink B V.3

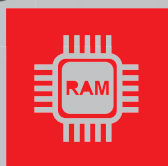
Business VCI

The global networker for remote diagnostics. This versatile diagnostic adapter offers remote diagnostic functions via WLAN and covers 95% of all vehicle models. Ideal for workshops looking for a comprehensive and flexible diagnostic solution. Contains packages for major business units.

- Local diagnosis 
- Stable connection 
- Compatible with DoIP 
- CAN / CAN FD / SCAN / FCAN 
- J1850, PWM KWP, L-line, Chrysler CCD 
- Car diagnostics 
- PassThru J2534 
- Smartlink remote diagnostics 
- Truck diagnostics 



Display
3,97"
320 x 480 px



256MB RAM



Memory
8 GB



Power
< 6W
9V - 36V



Wi-Fi
5 GHz
Ethernet



Bluetooth

SmartLink C V.3

End User VCI

The global networker for remote diagnostics. This versatile diagnostic adapter offers remote diagnostic functions via WLAN and covers 95% of all vehicle models. Ideal for workshops looking for a comprehensive and flexible diagnostic solution. Contains packages for the end user licenses.



Local diagnosis



Stable connection



Compatible with DoIP



CAN / CAN FD / SCAN / FCAN



J1850, PWM KWP, L-line, Chrysler CCD



Car diagnostics



PassThru J2534



Smartlink remote diagnostics



Truck diagnostics

SC OF





Creaser PROFESSIONAL MOT IV

Semi-Professional Diagnostic

The CRP MOT IV is a development of the MOT III, tailored specifically for the European market. With updated hardware and enhanced diagnostic features, it is well-suited as an entry-level diagnostic tool or as a second device in the workshop. The CRP MOT IV offers expanded diagnostic capabilities, including 31 advanced service functions, actuator tests, and more. It is supplied with the DBScar VII VCI, which supports additional protocols and provides a more stable connection.

Features



Software Updates Included



Battery Tester, TSGUN and Videoscope



Wide Vehicle Model Coverage

Service Functions

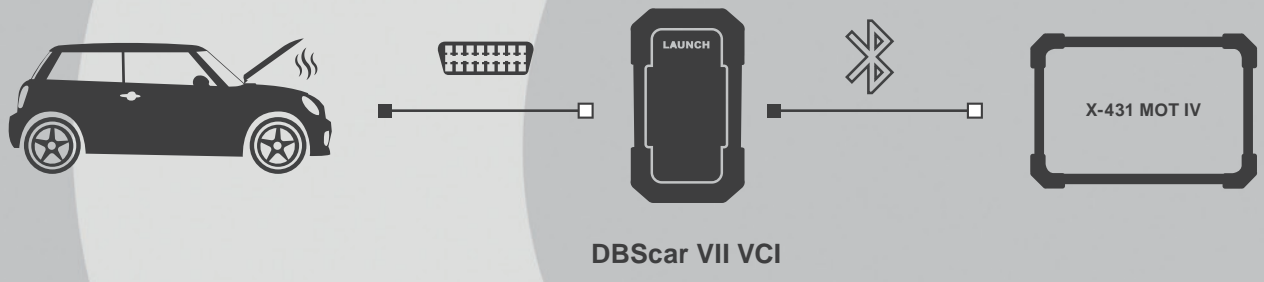


Technical Data CRP MOT IV

Operating System Android 10	Processor 2,0 GHz 4 Core	Display 8" 1.280 x 800 px Gorilla Glass	RAM 4 GB	Memory 64 GB	Wi-Fi 2,4 GHz / 5 GHz
USB	Bluetooth	Camera 5 MP Front 8 MP Rear	Battery 6.300 mAh	Dimensions 274 x 190 x 40 mm	

DBScar VII VCI

Local Diagnosis via Bluetooth	Stable Connection	Compatible with DoIP	CAN FD/CN/SCAN/ FCAN
J1850 PWM KWP/L-line Chrysler GCD and more J2534			



CRP MOT IV



Softcase: 2 vehicle Connectors: BMW-20, BENZ-38, DBScar VII VCI, DoIP adapter cable, VCI connection cable, power adapter, USB cable type A/C



Creader PROFESSIONAL 129 EVO+

Semi-Professional Diagnostic

The CRP 129 EVO+ is an intelligent and networkable diagnostic tool based on Android. It has the full OBD functions that best meets the entry-level market demand for passenger cars, as well as the basic diagnostic functions of the four basic systems: engine, automatic transmission, ABS and SRS. Besides, the CRP 129 EVO+ also has the most commonly used service reset functions, such as Battery Matching, Brake Reset, Oil Reset, DPF Reset, Injector Calibration, Reset TPMS, SAS Reset, ETS Reset, Reset Adblue, Reset Gearbox, Reset Airfuel, ABS Bleed, and Odometer Reset. Compared with the previous CRP, it has better hardware and more service functions.

Features



Software Updates Included



Feedback Function



Wide Vehicle Coverage












Diagnostic Report

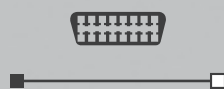
Service Functions

Electric Parking Brake Reset	Oil Service	Steering Angle Sensor Calibration	Battery Relearning	Brake Bleeding System	Diesel Particulate Filter	Injector Coding	Relearning Throttle Valve	Type Pressure Monitoring System	Transmission Adaption Value Reset	AdBlue Reset	Fuel Mixture Adaption	Odometer Check



Technical Data Creader Professional EVO 129+

 Operating System Android 8	 Processor 2.4 GHz	 Display 5" IPS Touch	 RAM 2 GB	 Memory 32 GB	 Wi-Fi 2.4 GHz	 DC Input Voltage 5 V	 Battery 6.000 mAh	 Dimensions 228 x 125 x 34,5 mm
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OBD II Cable



CRP EVO 129+



Creader Professional EVO 129+, Bag



OBD II Cable



Charging Cable

CarSET and TruckSET Database



CarSET

Electronics, PRO, Ultimate

The **Electronics Package** is our basic package that helps your technicians identify, locate and fix faults in electrical systems and components.

The **CarSET PRO** database provides instant access to a wide range of technical service bulletins (TSBs), as well as linking to fault codes and related case descriptions in original equipment manufacturer (OEM) quality. In addition, it contains tried-and-tested problem solutions and tips as well as a guided vehicle diagnosis. The CarSET PRO package also already includes the Electronics package

The **CarSET Ultimate** database is the complete package for your professional workshop! It helps technicians reduce the time needed to fix common faults and includes OEM Technical Service Bulletins (TSBs) and recalls. The Ultimate Package consists of the Electronics Package, the Smart Package and additionally the Tech Package.



TruckSET

Business, Ultimate

The **TruckSET Business** database provides a direct path to OEM-based technical data for over 10 truck brands and over 20 trailer manufacturers. All these technical information in the database can help technicians to detect, to find and to solve various kinds of problems.

The **TruckSET Ultimate** is the complete package for your professional workshop! This package contains comprehensive information on identification, repair and maintenance, which will help your technicians to reduce the time needed to rectify common faults.



CarSET Database Packages



Module and functions

	Electronics	PRO	Ultimate
Fuses and Relays			
VESA™ MK II (Guided Diagnosis)			
Wiring diagrams for engine management, ABS, ESP & AC			
Component locations and information			
Fault codes (manufacturer and EOBD)			
Ground point locations			
Comfort Wiring Diagrams			
Identification Data	×	×	
VIN number and identification plate locations	×	×	
VIN decoder	×	×	
Equipment codes	×	×	
Maintenance	×	×	
Maintenance plans (of the vehicle manufacturer)	×	×	
Printable worksheets	×	×	
Service hours	×	×	
Setting Data	×	×	
Drive belts, Wheel geometry, Exhaust gas data	×	×	
Tyre sizes and pressure values	×	×	
Tightening torques, filling capacity	×	×	
Service connections Air conditioning	×	×	
Lubricants and Fluids	×	×	
Quality and viscosities	×	×	
Recalls	×	×	
Repair Manuals	×	×	
Timing belt, Timing chain, Drive belts	×	×	
Clutch, Manual transmission	×	×	
Cooling system, Motor assembly	×	×	
Working Values	×	×	
Overlap technology	×	×	
Specific and generic values, Follow-up work	×	×	
Technical Drawings	×	×	
Technical Service Bulletins™ (SmartFIX™)	×		
Link to fault codes and related cases	×		
Verified Fixes and Tips (SmartCASE™)	×		

x not included

TruckSET Database Packages

Module
and functions



	Business	Ultimate
Fuses and Relays		
VESAT™ MK II (Guided Diagnostics)		
ABS / EBS		
Engine management		
Fault codes (manufacturer's and EOBD)		
Diagnostic wizard		
Comfort wiring diagrams		
Identification Data		
VIN and identification plate locations		
VIN decoder		
Equipment codes		
Maintenance		
Maintenance schedules (OEM-based)		
Printable work sheets and cost estimates		
Reset procedure for the Service indicator		
Adjustment Data		
Emission data		
Wear limits		
Wheel alignment settings, Torque settings		
Capacities		
Lubricants and Fluids		
Qualities and viscosities		
Recalls		
Repair Manuals		
Automatic transmission level and drain / refill		
Tyre pressure monitoring system (TPMS)		
Clutch, Valve clearances, Injector		
Repair Times		
Overlap technology		
Standard labour times, Follow-up work		
Technical Drawings		
Truck and Trailer Configurator		
Technical Service Bulletins™ (SmartFIX™)	X	
Verified Fixes and Tips (SmartCASE™)	X	

x not included

Software Renewal Card

X-431 and Creader Professional Series

With the Software Update Card it is possible to update the software of diagnostic devices of the X-431 and Creader Professional Series from LAUNCH easily and quickly. The update card can be purchased in stock to be sent quickly and efficiently on request. The runtime only starts after the card has been activated.



Renewal Card Types

X-431 Series and Creader Professional Series



1 Year Update / Passenger Car For X-431 Series

X-431 EURO TAB III, X-431 EURO LINK,
X-431 EURO TURBO II



1 Year Update / Passenger Car For Creader Professional Series and TPMS

Creader Professional MOT IV, TPMS



2 Years Update / Passenger Car For X-431 EURO PRO Series

X-431 EURO TAB III, X-431 EURO LINK,
X-431 EURO TURBO II



2 Years Update / Passenger Car For Creader Professional Series and TPMS

Creader Professional MOT IV, TPMS



1 Year Update / Truck For X-431 EURO TAB II and X-431 EURO TAB III

X-431 EURO PRO HD+, X-431 HD Box 3



1 Year Renewal Pack Passenger Car Software + SGW Pack

for X-431 EURO TAB III



1 Year Renewal Pack Passenger Car Software + SGW Pack

X-431 EURO LINK, EURO PRO5
series, EURO TURBO II, EURO TURBO

X-431 Diagnosis

Accessories

HD Box 2.0

The new LAUNCH X-431 HD Box 2.0 is the new VCI standard for LAUNCH commercial vehicle diagnostics. This VCI technology offers a faster and more stable data transmission, a user-friendly visual interface, supports Passthru function and also super remote diagnosis with an optional license. It supports the full systems diagnosis, the functionality of DTC reading, DTC clearing, data stream reading, special functions and actuation test. It covers engine software such as Mercedes-Benz, Renault, Volvo, Scania, MAN and DAF and many others.



CPU Dual Processor Cortex-A7 / M7	Operating Voltage DC 9 - 36 V	Power Consumption < 6 W	Working Temp. 0° C – 50° C	Storage 8 GB	Memory 256 MG	Communication WIFI / Bluetooth / Ethernet	Dimensions [mm] 200 x 110 x 47
Supports over 100 Manufacturers	TruckSET Database	Trucks, Buses, Construction, Agricultural Machinery	Communicates with X-431 Series	Supports Passthru Function	Support Remote Diagnosis		

HD Pack

HD Pack for X-431 EURO TAB II and EURO TAB III consists of activation code for HD Software and non-standard HD cables. The Smartbox 3.0 (EURO TAB II) and Smartlink (EURO TAB III, EURO LINK, EURO PRO5 LINK) are both compatible with both 12 V and 24 V.

HD package for X431 also available without activation card.



Motorcycle Software + 9 Connectors

Coverage Manufacturer: Honda, Yamaha, Kawasaki, Suzuki, Harley-Davidson, BMW
Supported device*: X-431 EURO TAB III, EURO TAB II, EURO LINK, EURO PRO5 serial, EURO PRO4 serial, EURO TURBO



X-PROG 3

The X-PROG 3 key and immobiliser programmer is a powerful anti-theft solution and an ideal choice for professional repair shops and vehicle maintenance businesses. X-PROG 3 is an integrated multi-function module, which offers multiple functions in one device for fast and accurate reading and writing of data.

Interface DB26, DB15	Input Voltage DC 12 V	Input Current 500 mA	Working Temp. 0 – 50° C	Storage Temp. - 20 – 70° C	Dimensions [mm] 39 x 107 x 298	Anti-Theft Type Identification	Remote Control Matching
Key Chip Read & Write	Anti-Theft Password Reading	Anti-Theft Component Replacement					



O2-2 ScopeBox

Turn your X-431 EURO TAB III into a 4-channel oscilloscope with the help of the LAUNCH O2-2 ScopeBox. The ScopeBox captures faulty / irregular signals for curve analysis on the screen of the X-431 EURO TAB II/ TAB III. This analysis can be used to detect various defects, e.g. in sensors, actuators and circuits.



1 GB for 4 Channels	DC Accuracy ± 3 %	Bandwidth 100 MHz	Rise Time ± 3,5 ns (typical)	Sampling Rate 1 GB for 4 Channels	Input Impedance 1 MΩ ± 1,5 %	Memory Depth 50 MB for 4 Channels	Vertical Resolution 8 bit
Vertical Scale 5 mV ~ 10 V	Vertical Offset Range ± 2,5 V ± 120 V	Invert Support	Coupling DC, AC	Time Base 50 ns - 1 ks	Time Base Precision 20 ppm	Automatic Measurement 23 Modes	Powerful Trigger Function

S2-2 Sensorbox

The S2-2 Sensorbox is specially designed for the diagnosis and simulation of sensor faults. It mainly contains "Sensor", "Actuator", "Defined / Draw", "Timing Waveform" and "Multimeter". The module cannot be used separately, but must be operated together with LAUNCH-specific diagnostic tools that are compatible with this module.



2 Channels	Accuracy ± 1 %	Amplitude Range 0 V - 20 V	Max. Current Output 20 mA	Frequency Range 0 - 20 kHz	Square Wave Signal 0 - 15 kHz	Duty cycle 0 - 100 %	Power Supply Max. 20 mA
Fixed Frequency Simulation	Predefined Wave Simulation	Predefined Frequency Range	2 Signal Generator Interfaces	External Power Supply	1 x Magnetic Interface	2 x Multimeter Interfaces	Operating Temp. 0°C - 50°C

BST-360 Battery Tester

The LAUNCH BST-360 is a Bluetooth Battery Tester suitable for both technicians and end users. It has an advanced conductance test function that measures the exact cold start current capacity of the vehicle battery to provide meaningful results. It also provides a battery condition indicator and an overall indicator for the vehicle's starting and charging system.



Compact Size	Multi Terminal Support	Automatic Bluetooth	Battery Types Lead-Acid, AGM, GEL	Print Report	Multilingual	Tests during each battery status	
Electric Current Test	Voltage Test	Ripple Detection	Starter Test	Charging System Test	Battery Test		

VSP-600 USB Videoscope

The LAUNCH video endoscope is the ideal tool for viewing and capturing video and images in hard-to-reach areas of your vehicle. Equipped with a 5,5 mm small and fluid-resistant camera head and adjustable LED illumination.



Diameter 5,5 mm	Resolution 1.280 x 720 px	Temperature -10°C - 55°C	Sensor Size 1/9"	USB Type C micro USB	Power 5 V	LED 5 Level	Cable 4,8 Ø, L 800 mm
Fast Video and Image Recording	Viewing and Saving Images and Videos	Automatic White Balance					

iTPMS

The iTPMS is a professional TPMS module with integrated sensor activation, reading, programming and teach-in function. It reads information such as tyre pressure or temperature by receiving signals with different frequencies.



TPMS-Function 433 MHz	Tech-In Process Through OBD Interface	ID Generator automatic or manual	Supports 98% of all Models	Reads Tyre Pressure Data	ID Sensor read, copy and write	Vehicle-specific description of the teach-in process	Supports Reprogramming

Diagnostic Standalone Devices



Pro Trolley TWT-100











TWT-100 is new professional multi-function trolley for diagnosis devices, battery chargers, oscilloscope, and much more. Ideal to be used in the workshop during the vehicle's ECU reprogramming in combination with the LAUNCH Flashpower product. It provides the convenience and flexibility for the daily work in a workshop.

 Dimensions 1.300 x 670 x 610 mm	 Weight 71 kg	 Ideal for Workshops	 In Combination with Control Units				
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PFP-150

The 150 Ampere version of our vehicle battery power support unit for more intense Ampere ranges.

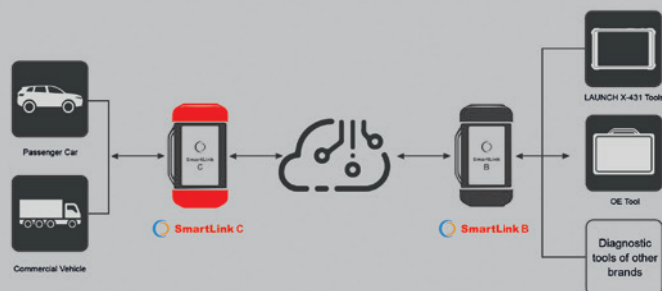
 Voltage 110 – 220 V	 Power 1.200 W	 Output Voltage 12 V	 Charging Current 2 - 16 V / 2 - 150 A	 Battery Selection Regular, AGM, GEL	 Charge Capacity 10 – 1.200 Ah	 Maintenance Capacity 10 – 3.600 Ah	 Cable Length 3 m
 Dimensions [mm] 430 x 350 x 140	 Weight 7,7 kg						








SRDs SmartLink B

SRDs is comprised with SmartLink C, SmartLink B and a Cloud Platform. The SmartLink C can be connected to the vehicle, while the SmartLink B can be connected with any diagnostic device. The remote diagnosis will be carried out on the SmartLink platform.

 Connecting to Diagnostic Tool	 Remote Diagnosis	 Communication with OE Tool				
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SRDs SmartLink C

 Supports passenger and Commercial Vehicle	 Remote Diagnosis	 Compatible with DoIP	 PassThru J2534, D-PDU, RP-1210	 Local Diagnosis		
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BST-860

The new BST-860 battery tester with integrated thermal printer is the ideal solution for testing 12 V batteries and their associated electrical systems.

Display LCD Display	Measuring Cable 80 cm	Working Temperature - 18 up to 50° C	Dimensions 188 x 95 x 41 mm	Weight 450 g	Supports Wide Vehicle Range	Battery Test Results	Multilingual
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CRT-511 S V2

The CRT-511 S Version 2 is a semi-professional TPMS diagnostic device that can activate, read, learn and program TPMS sensors. The CRT-511 S can activate and read tyre pressure sensor information via radio. It uses the OBDII interface to reset the TPMS module and program the sensor via a frequency of 433 MHz.



TPMS Function 433 MHz	Programming of up to 8 Sensors Simultaneously	Tire ID Matching & Learning via OBD Port	VIN Query	Supports 98% of all Models	Reads Tyre Pressure Data	Sensor ID Read, Copy, Write	Knowledge Base
Supports Reprogramming	ID Generation Automatic or Manual	OBD II ID Generation Automatic or Manual	Free Software Update	12 Service Functions	OE Inquiry	TPMS Report	Wi-Fi 2.412 - 2472 MHz

Digital Smoke Diagnostic Machine

The DSDM is a Leakage tester functioning through the input of smoke into a closed system, which in case of a detected leakage visualise the damaged components via smoke emerging from the component.



Voltage 12V DC	Output Pressure 0.44-0.5 PSI 30 - 35 mBar	Working Temperature - 17 up to 60° C	Smoke Output 6-8L/min	Operating Humidity No Restrictions	Pressure Supply Build in Air Pump	Battery Test Results	Cable & Hose: 8.3 feet
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Relay Tester

This tool evaluates the condition of relays within seconds with simplicity, accuracy and fast testing capabilities, ensuring efficient troubleshooting for applications.



Tests 12V and 24V Relays	Adjustable 4 to 5 Pin-Relays	Vehicle battery as power source	checks relay coil and switching contacts	LED			
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TTM-113

Device for accurate detection of tire thread depth through magnetic sensors without intrusion.



Display 1.7"	Accuracy up to 0.1 mm	Measurement in 3 seconds	WiFi Frequency 2412 - 2472 MHz	Smart Reporting	Battery Life 5 Years		
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Vehicle Diagnosis Comparison

X-431 Series


























































Technical Data

	X-431 EURO TAB III	X-431 EURO LINK	X-431 EURO TURBO II	X-431 EURO LINK HD
				
	X-431 EURO TAB III	X-431 EURO LINK	X-431 EURO TURBO II	X-431 EURO LINK HD
				
	 Android 9	 Android 10	 Android 10	 Android 10
	13,3" IPS Touch / Full HD	10,1" IPS Touch / Full HD	10,0" IPS Touch / Full HD	10,0" IPS Touch / Full HD
	 256 GB Storage	 128 GB Storage	 128 GB Storage	 128 GB Storage
	 Wi-Fi 2,4 GHz / 5 GHz	 Wi-Fi 2,4 GHz / 5 GHz	 Wi-Fi 2,4 GHz / 5 GHz	 Wi-Fi 2,4 GHz / 5 GHz
	 Bluetooth	 Bluetooth	 Bluetooth	 Bluetooth
	 USB Type A, C	 USB	 USB	 USB
	 Printer optional	 Printer optional	 Printer optional	 Printer optional
	 8 MP / 13 MP Camera	 5 MP / 8 MP Camera	 5 MP / 8 MP Camera	 5 MP / 8 MP Camera
	 Adapter Set, 3 Adapter	 Adapter Set, 3 Adapter	 Adapter Set, 2 Adapter	 Adapter Set, 13 Adapter
	Software Updates	Software Updates	Software Updates	Software Updates
	 CarSET database PRO included, Ultimate Pack optional	 CarSET database PRO included	 CarSET database Electronics optional	 TruckSET database Business and Ultimate optional

Overview Features

X-431 Series

Features

	 X-431 EURO TAB III	 X-431 EURO LINK	 X-431 EURO TURBO II	 X-431 EURO LINK HD
				
				
OBD I & OBD II / EOBD	OBD I & OBD II / EOBD	OBD I & OBD II / EOBD	OBD I & OBD II / EOBD	
				
Automatic VIN Decoding	Automatic VIN Decoding	Automatic VIN Decoding	Automatic VIN Decoding	
				
Read & Delete Trouble Codes	Read & Delete Trouble Codes	Read & Delete Trouble Codes	Read & Delete Trouble Codes	
				
40 Service Functions	35 Service Functions	31 Service Functions	12 Service Functions	
				
Online Feedback	Online Feedback	Online Feedback	Online Feedback	
		X		
SmartLink Remote Diagnosis	SmartLink Remote Diagnosis		SmartLink Remote Diagnosis	
				
Actuator Test	Actuator Test	Actuator Test	Actuator Test	
				
Coding, Programming	Coding, Programming	Coding, Programming	Coding, Programming	
			X	
ADAS Optional	ADAS Optional	ADAS Optional		
				
HD Module Compatible	HD Module Compatible	HD Module Compatible	HD Module Compatible	
				
VSP-600 USB Videoscope optional	VSP-600 USB Videoscope optional	VSP-600 USB Videoscope optional	VSP-600 USB Videoscope optional	
	X	X	X	
O2-2 ScopeBox, S2-2 SensorBox				
		X		
PassThru	PassThru		PassThru	
				
DoIP	DoIP	DoIP	DoIP	

x not included

ADD-ON KIT

Diagnostics

Battery pack cover

CATL, GUOXUAN, CALB, AISHUN, E-POW, BYD, SVOLT, RN TECH, COLIGHT, ETC.

Electric vehicle 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, LIXIANG, XIAOPENG MOTORS, TESLA, etc.



ADD-ON KIT

Battery diagnostic methods

Supports different battery diagnostic methods: Adapter cable diagnostics, OBD port diagnostics and jumper cable diagnostics.

Battery pack information

Quickly reads battery pack information such as the number of battery pack modules, SOC, SOH, temperature, individual cell voltage and temperature of each module.

Streaming battery data

Streaming battery data helps pinpoint problems and improve repair efficiency.

Diagnostic report

The battery pack diagnostic report can be printed and emailed



SUPPORTS VARIOUS BATTERY DIAGNOSTIC METHODS



IMPROVES REPAIR EFFICIENCY



QUICKLY READS BATTERY PACK INFORMATION



DIAGNOSTIC REPORT VIA E-MAIL

EM101

2-channel oscilloscope and multimeter



Technical profile

Battery **3.100 mAh**

Channels **2 analog channels**

Trigger type **Edge trigger, pulse width trigger**

Max. real-time sampling rate **50 MHz / s**

Scanning mode **Normal, peak detection, average**

EM101

Versatile use

Combination of 2-channel oscilloscope and multimeter.

Non-slip protection

Non-slip silicone cover for added product protection.

Communication

The EM101 can be used in wireless mode or it can be used in wired mode with the LAUNCH X-431 EURO TAB III.

Scope of delivery

Sets of needles, multimeter pins, alligator clips, test leads for the oscilloscope channels, etc. are included in the scope of delivery.

Can be combined with X-431 EURO TAB III diagnostic units

The X-431 EURO TAB III diagnostic unit has three display modes that can be freely selected.



COMBINATION OF 2-CHANNEL
OSCILLOSCOPE AND
MULTIMETER



COMPATIBLE WITH
X-431 EURO TAB III



WIRELESS COMMUNICATION
POSSIBLE

ES200

Insulation resistance meter

Technical profile

Battery **3.150 mAh**
Voltage Type **DC, AC**
Resolution **1 V**
Display **5" LCD**
Measurement Accuracy **±3%**



ES200

Measures insulation resistance

Insulation resistance refers to the leakage current of the insulation material between the live part and the exposed non-live metal part (housing).

High DC voltage

Depending on the product, different values of DC high voltage are applied, e.g. 500V, 1000V, 2500V etc. and a minimum safe insulation resistance value is specified. If the measured resistance is below this value, there is a risk of electric shock.

Safety

Electric vehicle batteries have high voltage characteristics. The use of an insulation tester for measurement can effectively increase the safety of maintenance personnel.

Wide measuring range

For different output voltages, resistance measurement ranges from 10 MOhm to 1000 MOhm.



MEASURES INSULATION RESISTANCE



ELECTRIC SHOCK
PROTECTION



HIGH DC VOLTAGE

ELA400

Intelligent, digital power supply

Technical Profile

Precision **Output Voltage 1 V**
Output Current 0.1 A

Display **8 Segment LED Bildschirm**



ELA400

Separate high- and low-voltage circuits

The high-voltage circuits and the low-voltage circuits are fused separately and can be operated independently of each other. This allows each circuit to be managed, maintained and monitored separately.

Independent protection mechanism

The input circuit, the high-voltage output circuit and the low-voltage output circuit each have an independent protection mechanism. The system recognises and reacts to problems such as undervoltage, overvoltage, overcurrent and short circuit and initiates appropriate protective measures. In the event of a malfunction, an audible alarm is emitted.



SUPPORTS LOW VOLTAGE OUTPUTS FROM 0V TO 500V AND UP TO 15A



IN COMBINATION WITH X-431 EURO TAB III



OVERVOLTAGE, UNDERVOLTAGE, SHORT CIRCUIT AND TEMPERATURE PROTECTION IN THE VOLTAGE INPUT



MAXIMUM POWER OF 4,000 W

EVB624

Wireless cell module equaliser



Technical Profile

Charging and discharging performance **3.200 W**
Battery interface **6 Equalization Modules, 24 channels**
Channel **6 x 4**
Display **10.1" Touch Display**
Communication **WLAN and Bluetooth**

Separate charging and discharging processes

With separate charging and discharging processes and freely combinable equalisation channels, up to 24 cells can be equalised simultaneously. Wireless network communication makes it easy to expand the number of equalisation channels.

Battery types

The new EVB624 is compatible with a range of batteries, including ternary lithium and iron phosphate batteries, lithium titanate and lithium manganese batteries and other types

Data backup

The software automatically saves historical equalisation records and offers two display methods: a curve chart and a bar chart. It is also possible to export historical data to a USB drive in Excel format.

Monitoring the equalisation process

The system continuously transmits data on the voltage, current, charge and discharge status and capacity of each individual cell. This information is recorded and provided in real time during the entire equalisation process.



FREELY COMBINABLE, UP TO 24 CELLS CAN BE EQUALISED SIMULTANEOUSLY



WIRELESS NETWORK COMMUNICATION FOR EASY EXPANSION OF EQUALISATION CHANNELS



OVERVOLTAGE, UNDERVOLTAGE, OVERCURRENT, SHORT CIRCUIT



SUPPORTS SOC/SOH AND EVALUATES THE STATE OF THE BATTERY MODULES



LITHIUM-ION AND IRON PHOSPHATE BATTERIES



REAL-TIME MONITORING OF VOLTAGE, CURRENT, STATUS, CAPACITY AND MORE

EVT511

Battery pack air tightness tester



Technical Profile

Electrical requirements **AC 220 V**
 Sensor resolution **1 Pa**
 Communication **RS485 / USB**
 Präzision **±5% FS**



EVT511

Highly sensitive sensor

The accuracy and stability of the test is improved by the revised pressure sensor technology.

Work step

After the repair, the high-voltage battery is sealed and a leak test is carried out.

Personalised settings

Parameters such as volume, pressure, duration of each phase and leakage limit value can be defined in advance.

Visualisation of the process

The time required for each phase of the examination procedure can be displayed.

Parameter monitoring

The time required for each phase of the examination procedure can be displayed.

Intelligent warning

The device emits an audible and visual alarm if the values are abnormal or if the test is not passed.



TO TEST THE TIGHTNESS, THE PRESSURE BUILD-UP AND PRESSURE DROP ARE DETERMINED BY A DETERMINED BY A SENSOR SYSTEM



WARNINGS FOR TEST ABNORMALITIES OR ERRORS



DISPLAY OF THE PRESSURE CURVE IN REAL TIME FOR MONITORING



REAL-TIME DISPLAY OF PRESSURE AND LEAKAGE FLUCTUATIONS

EVP711

Battery module charger and discharger

Technical Profile

Charging and discharging performance **Charging: max. 4.4 kW,**
Discharging: max. 7.2 kW

Battery interface **16 Pin, 24 Pin**

Channels **HV-positive and HV-negative**

Display **10" LCD Display**

Communication **WLAN, Bluetooth**



EVP711

User-defined operating parameters

You can set your own charging and discharging rules and activation times to achieve optimum battery capacity.

Monitoring of maximum and minimum voltage

The device offers the option of displaying the highest and lowest voltages, temperatures and other data of individual battery strings, which can be enlarged or reduced in size for a better overview.

Alarm settings

Various alarm conditions can be set for voltage, current and temperature. This enables early intervention and ensures the safety of the battery and device.

Security features

The EVP711 is equipped with a range of safety functions, including reverse polarity protection, overtemperature protection, overcurrent protection, fan failure detection, overvoltage warning and overcurrent warning. All of these functions contribute significantly to the safety of the operator.

Battery

The new EVP711 is designed to support the charging and discharging of lithium and nickel-metal hydride batteries.



SUPPORT FOR THE MAINTENANCE OF LITHIUM AND NICKEL-METAL HYDRIDE BATTERIES



SOC/SOH FOR THE EVALUATION OF THE BATTERY MODULE STATUS



THE SYSTEM COLLECTS REAL-TIME DATA ON MODULE AND CELL VOLTAGE



WIDE VOLTAGE RANGE AND CHARGE/DISCHARGE MODES ENSURE SAFETY AND EFFICIENCY



SAFETY FEATURES: REVERSE POLARITY, OVERHEATING, SHORT-CIRCUIT, FAN FAILURE PROTECTION AND MORE



THE SYSTEM PREVENTS OVERCHARGING AND DEEP DISCHARGING OF THE BATTERY

Technical profile

Product data

EVT511



Battery Pack Airtightness Tester	
Test pressure range	0 ~ 30 Kpa
Power	20 W max.
Air source requirement	0,1 ~ 1,0 Mpa dry compressed air
Air inlet interface / test interface	D = 6 mm Air pipe
Working temperature range	-10°C ~ 55°C
Relative humidity	10% ~ 90% @ 24°C, without condensation

EVP711



Battery Module Charger and Discharger			
Supply Voltage	AC220 V	Working temperature	-5 ~ 40°C
Frequency range	40 ~ 60 Hz	Data communication	CAN, RS485
Charging + discharging voltage range	DC 2 ~ 400 V	Data transmission	USB data storage
Individual voltage accuracy	+/- 0.1% FS + 5 mV (Resolution: 0,001 V)	Charging mode	Constant current charging + constant voltage charging
Current range	max. 100 A at max. 4,4 Kw	Discharge mode	Constant current discharge
Discharge current range	max. 150 A at max. 7,2 Kw	Protective function	Protection against overvoltage, overcurrent and overtemperature, protection against short circuit and reverse polarity, protection against fan failure.
Test current range	+/- 1% FS + 0,2 A (Resolution: 0,1 A)		























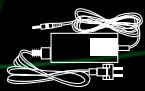


Technical profile

Product data

ADD-ON KIT



Diagnostics ADD-ON KIT

Battery Pack Special Joint	TL-100R		TL-101R		TL-102R	
	TL-104Y		TL-105R		TL-106R	
	TL-107R		TL-108Y		TL-109Y	
	TL-110B		TL-112B		TL-113Y	
	TL-114Y		TL-126R		TL-130R	
Battery Jumper Adapter	Jumper Cable (Jump-8)		Matching Adapter 1 (8 pcs)		Matching Adapter 2 (8 pcs)	
	Matching Adapter 3 (8 pcs)		Matching Adapter 6 (8 pcs)		Matching Adapter 7 (8 pcs)	
	Matching Adapter 8 (8 pcs)					
Accessories	Switching Power Supply (12 V 5 A)		Extension Cable		Packing List	
	Activation Csrđ					

EM101



2-Channel Oscilloscope and Multimeter

Voltage AC, DC	Automatic range Test area: ± 600 V	Storage	1 m
Current AC, DC	Test area: ± 10 A, Test range: ± 10 A	Input coupling	Direct current, alternating current, earthed
Resistance	Automatic range Test area: 0 ~ 6 M Ω	Input resistance	1 M Ω \pm 2%, parallel with 15 pF \pm 5 pF
On and off	Alarm ≤ 30 Ω	Vertical sensitivity	2 mV / div ~ 5V / div 8 bits
Diode	0.5 V — 2.0 V	Vertical resolution	8 bits
Time base range	1 us/div ~ 10 s/div, Step by Step 1 ~ 2 ~ 5 mal	Max. Input voltage	40 V Peak value (DC + AC)
Automatic measurement	Peak value, average max., min., upper / lower	Probe damping factor	1X, 10X, 100X Probe holder required

ES200



Insulation Resistance Meter

Test voltage	500 V	1.000 V	2.500 V	5.000 V
Measuring range	10.0 MΩ ~ 20 GΩ	10.0 MΩ ~ 40 GΩ	10.0 MΩ ~ 100 GΩ	10.0 MΩ ~ 1.000 GΩ
Open circuit voltage	DC 500 V (0 ~ 20%)	DC 1.000 V (0 ~ 20%)	DC 2.500 V (0 ~ 20%)	DC 5.000 V (0 ~ 20%)
Measuring accuracy	0.0 ~ 99.9 MΩ: ±(3%+5) 100 MΩ ~ 9.99 GΩ: ±(5%+5) 10.0 GΩ ~ 20.0 GΩ: ±(10%+5)	0.0 ~ 99.9 MΩ: ±(3%+5) 100 MΩ ~ 9.99 GΩ: ±(5%+5) 10.0 GΩ ~ 40.0 GΩ: ±(10%+5)	0.0 ~ 99.9 MΩ: ±(3%+5) 100 MΩ ~ 9.99 GΩ: ±(5%+5) 10.0 GΩ ~ 100 GΩ: ±(10%+5)	0.0 ~ 99.9 MΩ: ±(3%+5) 100 MΩ ~ 9.99 GΩ: ±(5%+5) 10.0 GΩ ~ 99.9 GΩ: ±(10%+5)
Short-circuit current	<3.0 mA			

ELA400



Intelligent Digital Power Supply

Supply voltage	AC 100 ~ 240V@20A 50+/-10Hz	Safety test insulation resistance: AC input enclosure DC output housing AC input-DC output	DC500 V, ≥ 10 MΩ (Room Temperature) DC500 V, ≥ 10 MΩ (Room Temperature) DC500 V, ≥ 10 MΩ (Room Temperature)
Output parameters: High-voltage voltage High voltage current Low voltage voltage Low voltage current	DC 50 ~ 900 V 0 ~ 5 ~ A DC 0 ~ 50 V 0 ~ 15	Dielectric strength test: AC input enclosure DC output enclosure AAC input-DC output	AC2000 V, 50 Hz, ≤ 10 mA, 60S AC2000 V, 50 Hz, ≤ 10 mA, 60S AC2000 V, 50 Hz, ≤ 10 mA, 60S
Control panel: High voltage Low voltage	Voltage regulation, current regulation, Output voltage freely adjustable, output push-button switch	Dimension	395 x 331 x 265 mm
Working temperature	-10 ~ 65 °C	Storage temperature	-40 ~ 70 °C
Working environment humidity	5 ~ 95% relative humidity (no condensation)	Weight	11.2 kg

EVB624



Wireless Cell Module Equaliser

Supply Voltage	AC 90 ~ 264 V 50/60 Hz	Working temperature	-10 ~ 50°C
Frequency range	50 ~ 60 Hz	Data communication	WIFI, Bluetooth
Charging + discharging voltage range	DC 0 ~ 112 V	Data transmission	USB data storage
Individual voltage accuracy	+/- 1% @ 48 ~ 112 V DC; +/-0.5 V @ 10 ~ 48 V DC	Protective function	Overload and over-discharge protection, overheating reverse polarity protection and switch-off
Current range	1 ~ 40 A	Test current range	± 1% FS + 0,2 A (Auflösung: 0,1 A)

TPMS Sensors

Monitoring and Programming

The tyre pressure sensor is an important part of the tyre pressure monitoring system (TPMS). It detects tyre pressure and temperature, transmits the information to TPMS in real time.

This enhances safety by keeping the driver informed and reduces accident risks. Beyond safety benefits, TPMS can improve fuel efficiency by approximately 2%, cutting carbon emissions, saving fuel, and supporting environmental conservation.

In the EU TPMS became mandatory for all class M1 vehicles registered after November 1st, 2014.

- Covers 98% of market models.
- Supports 433 MHz TPMS (EU standard).
- Unlimited programming times.
- Ultra-compact for easy installation.
- Lightweight without dynamic balancing needs.
- Can be programmed with all Launch TPMS devices.
- Built-in waterproof, sealed, stabilised lithium battery.
- Applicable lifespan of 5-6 years.

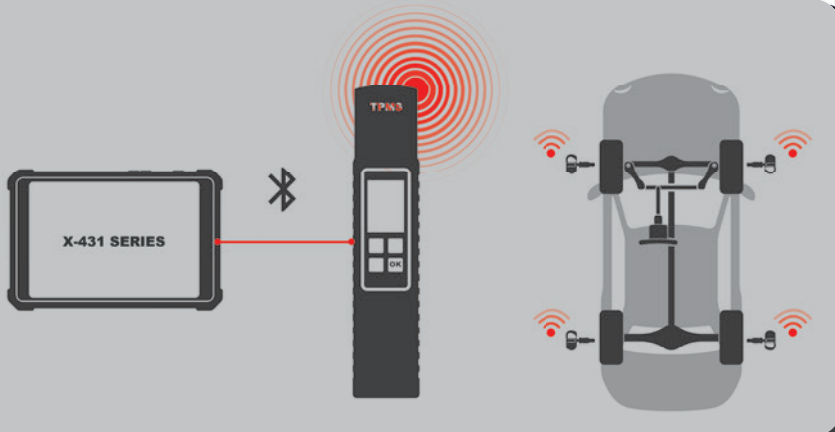




Description

Parameter/Setting

Battery Life	4,5 years / 1000.000 km
Battery Level	3.0V
Transmission Power	5~8dBm
Operating Frequency	433MHz/315MHz
Pressure Monitoring Range	0~800kPa
Pressure Reading Accuracy	±10kPa
Temperature Reading Accuracy	±5°C
Acceleration Reading Accuracy	±15%
Dimension	27.2 x 27 x 76.4 mm
Weight	24g












X-431 TSGUN TPMS Sensor Programmer











The X-431 TSGUN is a professional TPMS module with integrated TPMS sensor activation, reading, programming and learning functions. It activates and reads tyre pressure information by receiving signals at low or high frequencies. The X-431 TSGUN is easy to carry and simple to operate. It can only be used with LAUNCH diagnostic devices and provides the complete solution for TPMS Sensor Service. Compatible with X-431 EURO TAB III, TAB II, X-431 EURO LINK, X-431 EURO PRO 5 Series, X-431 EURO PRO 4 Series.

Features

-  **TPMS Function**
-  **Supports 98 % Of All Models**
-  **Supports Unlimited Reprogramming**
-  **Tyre Pressure Sensor Learning Via OBD Interface**
-  **Ready Tyre Pressure Data**
-  **Diagnostic Protocol**
-  **VIN Query**
-  **Reads, Copies and Writes Sensor ID**
-  **Learning Tips**

Technical Data










-  **Display**
1.77 inch
168 x 128 pixel
-  **DC Input Voltage**
5 V
-  **Battery**
3.000 mAh
Lithium
-  **Working Temperature**
-10 ~ 50 °C
-  **Working Current**
≤ 1 A
-  **Dimensions**
252 x 54 x 30 mm
-  **Weight**
450 g
-  **Bluetooth**

CRT-511 S V2

The CRT-511 S Version 2 is a semi-professional TPMS diagnostic device that can activate, read, learn and program TPMS sensors. The CRT-511 S can activate and read tyre pressure sensor information via radio. It uses the OBDII interface to reset the TPMS module and program the sensor via a frequency of 433 MHz.



Features

-  **Active all 433 MHz TPMS sensor**
-  **Software upgrade via WiFi**
-  **Support TPMS diagnostics including read/clear DTCs, etc**
-  **Intelligent tire pressure detection**
-  **Tire ID matching & learning via OBD port**
-  **Prompt learning Steps**
-  **Programming up to 8 sensors**
-  **Read, copy and write TPMS sensor IDs**
-  **12 common service functions**



Display
4", 480 x 800



OBD II Input Voltage
9 ~ 18 V



Battery
4,000 mAh



Storage Temperature
-20 bis 70 °C



Dimension
200 x 115 x 35 mm



Weight
1,5 kg



Frequency Range Wi-Fi
2412 - 2472 MHz



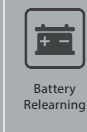
Electric Parking
Brake Reset



Oil Service



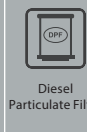
Steering
Angle Sensor
Calibration



Battery
Relearning



Brake Bleeding
System



Diesel
Particulate Filter



Injector
Coding



Relearning
Throttle Valve



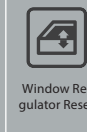
Driver's Seat
Memory



Sunroof



Immobiliser



Window Regulator
Reset

RF-Sensor

-  **Multi-Band Protocol**
-  **Over-the-Air Programming**
-  **Supports Multiple Vehicles**
-  **Metal or Plastic Horn**
-  **Read, Copy and Write ID Sensor**
-  **Battery Life 5 Years**



LTR-03



LTR-03 Black

TTM313

The TTM313 is the new generation of digital tread depth measurement. In just 3 seconds, this robust tool scans the entire tyre tread using laser technology – effortlessly, precise, and fully documentable.

The large 3.97" touch display shows measurement results in real time. This is complemented by automatic service recommendations, for example, in cases of recognisable wear patterns or uneven abrasion.

Thanks to full integration with the LAUNCH X-431 series, reports can be created, saved, and shared directly via diagnostic testers. Ideal for workshops, tyre service providers, and fleet operators, the TTM313 makes tyre inspection visible, efficient, and digital.



Accurate Laser Measurement



Tire Health Analysis



Smart Reporting



Battery Life 5 Years



Display
3.97"



Accuracy
up to 0.1 mm



Measurement
in 3 seconds



Frequency Range Wi-Fi
2412 – 2472 MHz



TTM313

TTM113



TTM113

The TTM-113 is a handheld device for the accurate detection of tire thread depth. With its magnetic sensors it is able to detect thread depth precisely and nonintrusively, by simply applying it at the tire surface. The scan results will indicate a range of safe thread depth, or signal if the tire is in need of further maintenance.



Accurate Laser Measurement



Smart Reporting



Tire Health Analysis



Battery Life 5 Years



Display
1.7"



Accuracy
up to 0.1 mm



Measurement
in 3 seconds



Frequency Range Wi-Fi
2412 – 2472 MHz



CAT-601S

Clean**GEAR**



Automatic Transmission Cleaner*

The CAT-601S Clean Gear is an automatic transmission cleaner and fluid exchanger from LAUNCH. It is supplied with a comprehensive range of adaptors, allowing connection to most transmission units including double clutch and CVT types. It can also be connected to the CAT Remote to control equipment operations for the main functions.

**Please note this item will be supplied in either red or grey.*

Features



Automatic Recognition of Fluid Flow direction



ATF Database Optional



WiFi



Cycle Cleaning with Detergent



Equivalent Exchange with High Accuracy



Printer included



Fluid Level Adjustment



Filter Replacement Warning















Frequently-Used Vehicle



CAT Remote Activation Card Optional
Available for X-431 EURO TAB III, X-431 EURO LINK, X-431 EURO PRO 5

Technical Data

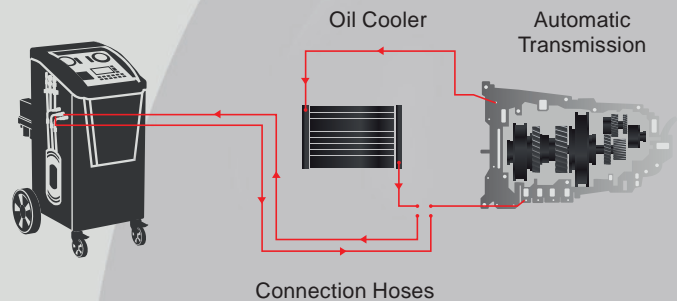
						
Power Supply AC 110 V / AC 220 V 50 Hz / 60 Hz	Max. Power 150 W	Equivalent Exchange Error ± 100 ml	Flow Rate 2 l / min	Detergent Tank Volume 1 l	Temperature Sensitivity ± 100 °C	Filter Precision 5 µm
						
Noise 70 dB (A)	Ambient temperature -10 – 50 °C	Relative humidity < 85 %	Size 590 x 700 x 1.037 mm	Screen 5"		

Functions

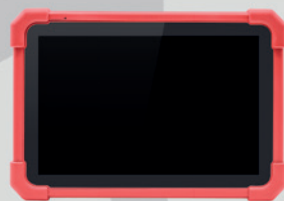
						
Old Oil Sampling	Add Detergent	Exchange	Adjust Fluid Level	Empty Old Tank	Empty New Tank	System Settings

Automatic Transmission Flush CAT-601 S Clean Gear

A transmission flush is a process in which the fluid in an automatic transmission is flushed out of the transmission and replaced with new ATF. The flushing process, when done correctly, replaces nearly 100% of the old fluid with new fluid, including fluid in the torque converter and oil cooler lines.



CAT-601 S Clean Gear



CAT Remote Tablet optional



CAT Remote Activation Card optional



CAT-601 S Clean Gear Connectors









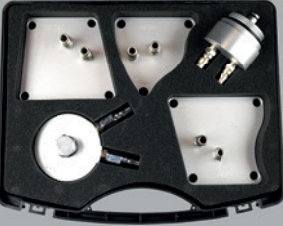
ATF Adapter Pack









I - VII

This ATF Service Adapter European Pack is designed for an easy connection of ATF exchange equipment for cars with automatic transmission. The adapters are designed and selected by experienced AT service mechanics and cover most AT used in European cars, including DSG, AISIN, CVT, etc. It also includes some extra hoses in different sizes, as well as some spare replacement O rings. All the adapters are provided in plastic boxes and are complete with instructions for use. The packs are easy to carry, use and store.



Adapter Pack	Supported Manufacturers	Adapter Pack	Supported Manufacturers
	ATF Adapter Pack I AISIN, AUDI, CITROEN, DODGE JOURNEY, FIAT, OPEL, PEUGEOT, RENAULT, SEAT, SKODA, VW		ATF Adapter Pack V AUDI A6, AUDI Q5, AUDI S-tronics, AUDI 4G, SKODA, VW
	ATF Adapter Pack II ALFA ROMEO, AUDI, FIAT, FORD, HUMMER, HYUNDAI, JAGUAR, LAND ROVER, MERCEDES, NISSAN, OPEL, SAAB, TOYOTA, VW, VOLVO		ATF Adapter Pack VI CROWN, COROLLA, LAND CRUISER, LEXUS
	ATF Adapter Pack III AISIN, AUDI, CHRYSLER, FORD, GM, HONDA, LEXUS, MERCEDES-BENZ, MITSUBISHI, NISSAN, PORSCHE, TOYOTA, VW		ATF Adapter Pack VII BMW, CITROEN, JEEP, LAND ROVER FREELANDER, LAND ROVER AURORA, RANGE ROVER EVOQUE, RENAULT LAGUNA, VOLVO
	ATF Adapter Pack IV CITROEN, MERCEDES-BENZ, NISSAN, PEUGEOT, VOLVO		

ATF Database

-  Online Platform
-  User-Friendly Interface
-  Wide Selection of Vehicles
-  5 Languages
(English, Italian, French, German and Polish)
-  Activation Key
-  License is valid one year after activation



LAUNCH TECH UK

30 Alston Drive, Bradwell Abbey, Milton Keynes, MK13 9HA

Tel.: +44 1752 344989

General Enquiries: enquiries@launchtech.co.uk

Customer Service: sales@launchtech.co.uk

Technical Support: support@launchtech.co.uk

www.launchtech.co.uk

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