LAUNCH

PRODUCT CATALOG

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FASTER
SMARTER
POWERFUL

LATEST AUTO SCAN TOOLS RECOMMENDATION

LATEST AUTO SCAN TOOLS





SPECIFICATIONS	X-431 PRO3 LINK V2	X-431 PAD5 LINK V5	X-431 PAD9 LINK V2
OS	Android 15	Android 15	Android 15
DISPLAY	10.1", 1280*800	10.1", 1920*1200	13.6", 2560*1600
CPU	Octa-core	Octa-core	Octa-core
STORAGE	4GB+128GB	8G+256G	12G+512G
CAMERA	Rear 8MP, Front 5MP	Rear 13MP, Front 8MP	Rear 20MP, Front 8MP
VCI CONNECTOR	SmartLink C V4	SmartLink C V4	SmartLink C V4
VCI CONNECTION	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz
BATTERY	6,300mAh @7.6V/47.88Wh equivalent to 12,600mAh@3.8V	7,000mAh @7.6V/53.2Wh equivalent to 14,000mAh@3.8V	9360mAh @7.6V/71.1Wh equivalent to 18,720mAh@3.8V
IP65 WATERPROOF & DUSTPROOF	N/A	√	√
PD FAST CHARGE	√(45W)	√(45W)	√(65W)
SIZE (MM)	282.2*197.6*38.55	287.2*203.5*45.9mm	373.8*254.2*40.1mm
CONFIGURATION			
FULL SYSTEM DIAGNOSIS	●	●	●
OBD II FULL FUNCTION	●	●	●
SMARTLINK REMOTE DIAGNOSIS	●	●	●
TECH-TO-TECH REMOTE	●	●	●
DIANGOSIS	●	●	●
AUTO VIN IDENTIFICATION	●	●	●
BI-DIRECTIONAL CONTROL	●	●	●
CODING	●	●	●
VW & AUDI GUIDED FUNCTION	●	●	●
J2534, D-PDU	●	●	●
DOIP/CAN FD	●	●	●
ADVANCED PROGRAMMING	Optional	●	●
TOPOLOGY MAPPING	●	●	●
VEHICLE COVERAGE	Passenger Cars Medium & Light Duty Vehicles Heavy Duty Vehicles (Optional) New Energy Vehicles& Battery Packs (Optional) IMMO Diagnosis Add-on Kit (Optional)		
SUPPORTED ADD-ON MODULES	ADAS Calibration Tool, EV Add-on Kit, X-PROG 3, BST360, i-TPMS, VSP-600 Videoscope, O2-2 Oscilloscope, S2-2 Sensorbox, EM101N EV Oscilloscope & Multimeter, X-431 Key Programmer, ES200, EVM324		

ADD-ON MODULES


VSP-600


S2-2 Sensorbox


O2-2 Scopebox


X-431 Key Programmer


i-TPMS


BST360 Bluetooth Battery Tester


EM101N


ES200

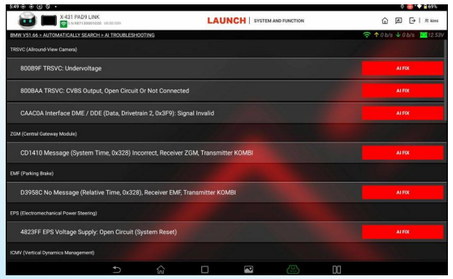
CONFIGURATION	39 SERVICE FUNCTIONS	41 SERVICE FUNCTIONS	46 SERVICE FUNCTIONS
BRAKE RESET	●	●	●
OIL MAINTENANCE RESET	●	●	●
STEERING ANGLE RESET	●	●	●
BATTERY MATCHING	●	●	●
ABS BLEEDING	●	●	●
ELECTRIC THROTTLE RELEARN	●	●	●
TPMS RESET DATABASE	●	●	●
DPF REGEN	●	●	●
AC SYSTEM RELEARN/INITIALIZATION	●	●	●
ADAPTIVE FRONT LIGHTING	●	●	●
ADBLUE RESET	●	●	●
AIR/FUEL RESET	●	●	●
AIR LEVEL CALIBRATION	●	●	●
COOLANT BLEED	●	●	●
CRANK POSITION SENSOR ADAPTIVE LEARNING	●	●	●
EGR ADAPTION	●	●	●
ENGINE POWER BALANCE MONITORING	●	●	●
GAS PARTICULATE FILTER REGENERATION	●	●	●
GEARBOX RELEARN	●	●	●
HIGH-VOLTAGE BATTERY DIAGNOSTICS	●	●	●
IMMO PROGRAM	●	●	●
IMMOBILIZER RESET	●	●	●
INJECTOR CODING	●	●	●
INTELLIGENT CRUISE CONTROL SYSTEM	●	●	●
LANGUAGE CHANGE	●	●	●
MOTOR ANGLE CALIBRATION	●	●	●
NOX SENSOR RESET	●	●	●
SEAT OCCUPANCY CALIBRATION	●	●	●
STOP/START RESET	●	●	●
SUNROOF RESET	●	●	●
TIRE RESET	●	●	●
TRANSPORT MODE	●	●	●
WINDOWS CALIBRATION	●	●	●
ECU RESET	●	●	●
FRM RESET	●	●	●
CLUTCH MATCHING	●	●	●
TURBOCHARGING MATCHING	●	●	●
ODO CHECK	●	●	●
VIN CHECK	●	●	●
GATEWAY MODULE DATA CALIBRATION	N/A	●	●
RAINFALL LIGHT SENSOR	N/A	●	●
RELATIVE COMRESSION	N/A	N/A	●
PERSONALIZATION SETTING	N/A	N/A	●
TIRE PRESSURE WARNING THRESHOLD	N/A	N/A	●
TRAILER MATCHING	N/A	N/A	●
FUEL LINE AIR REMOVE	N/A	N/A	●

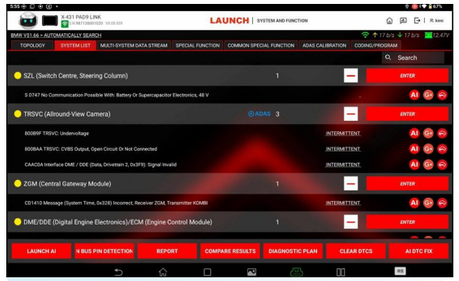
LAUNCH AI

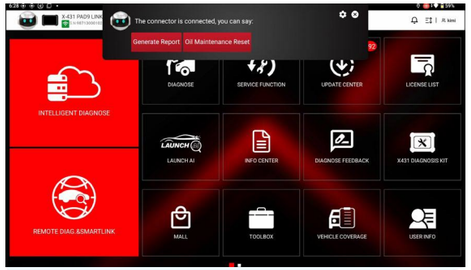
LAUNCH DIAGNOSTICS, SMART AND FAST

LAUNCH AI integrates intelligent diagnostic capabilities directly into LAUNCH X-431 devices. Powered by advanced AI algorithms and extensive diagnostic data, it helps technicians identify faults faster, simplify complex repairs, and improve overall workshop efficiency.









VOICE DIAGNOSTICS

HANDS-FREE INTELLIGENT OPERATION

- Control diagnostic functions using voice commands to simplify operations.

AI REPAIR

ONE-CLICK FAULT CODE REPAIR

- Automatically interprets DTC fault codes
- Provides AI-guided repair actions
- Executes required functions automatically
- Clears fault codes after repair

DTC2FIX

TURN FAULT CODES INTO REPAIR SOLUTIONS

- Automatic DTC explanation
- Fault cause analysis
- Recommended repair procedures

AI DIAGNOSTICS

AUTOMATIC VEHICLE IDENTIFICATION & FULL-SYSTEM SCAN

- Automatically identifies vehicle brand and model
- Performs full-system scanning
- AI analyzes possible fault causes
- Generates vehicle diagnostic reports

AI SUPPORT AGENT

- Product consultation
- Technical guidance
- Automated knowledge support
- 24/7 assistance

DIAGNOSTIC ROBOT

- Remote diagnostics
- Fault code reading & clearing
- Automatic diagnostic reports

VEHICLE TEST REPORT (VTR)

PROFESSIONAL VEHICLE HEALTH REPORTS

- Automatically generate professional vehicle reports for both technicians and vehicle owners.



X-431 PAD9 LINK V2





NEWLY DESIGNED USER-FRIENDLY INTERFACE

THE NEXT EVOLUTION OF EXCELLENCE — AI DIAGNOSTIC

The X-431 PAD9 LINK V2 has been upgraded to deliver outstanding performance in intelligent diagnostics, powered by the latest SmartLink V4 VCI.

With advanced technologies including AI Diagnostics, Android 15, multi-channel high-speed scanning, and enhanced programming capabilities, it provides a faster, smarter, and more efficient diagnostic experience.

- LAUNCH AI Diagnostics
- All-New SmartLink V4 VCI
- LAUNCH Secure Gateway (SGW) Access
- Visual Graphic Data Display
- 65W PD Fast Charging
- Multi-System Data Stream
- X-431 FIX Auto Repair Database
- 46 Advanced Service

HANDS-FREE DIAGNOSTIC GUIDANCE FOR FASTER TROUBLESHOOTING.

PERFORM DPF REGENERATION WITH CLEAR VISUAL GUIDANCE.

SELECT, DISPLAY, AND ANALYZE MULTIPLE ECUS IN REAL TIME.

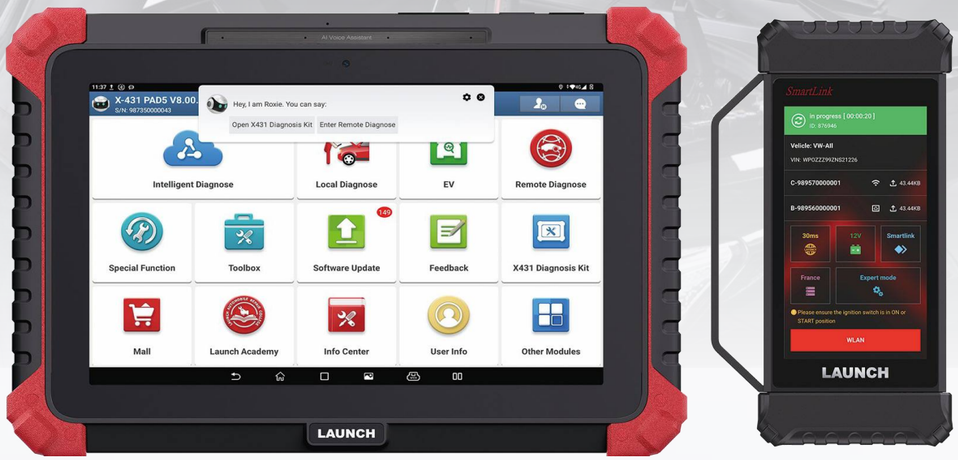


SPECIFICATION

	X-431 PAD9 LINK V2
OS	Android 15
DISPLAY	13.6-inch, 2560*1600, full laminated and sunlight-readable.
CPU	Octa-core(1×3.35GHz+3×3.2GHz+4×2.2GHz)
RAM	12G
STORAGE	512G
BATTERY	9360mAh@7.6V/71.1W* ≈3.8V, 18,720mAh (Support PD fast charge)
CAMERA	Rear 20MP, Front 8MP
WIRELESS	2.4GHz/5GHz
INTERFACE	Type C (Support 65W fast charge), Type A, Micro SD, Mini HDMI
WORKING TEMPERATURE	0~50°C
SIZE	373.8*254.2*40.1(mm)

	SMARTLINK V4
DISPLAY	5", 1280*720
CPU	Dual-core 1.7G
RAM	1G
STORAGE	8G
COMMUNICATION	Local Diagnosis: Wi-Fi/BT/USB Smartlink Remote Diagnosis: Wi-Fi/Ethernet
INTERFACE	DB15, Type B USB, RJ45, DC IN
WORKING VOLTAGE	DC 8V ~ 36V
DIMENSION	187.6*32.8*106(mm)

X-431 PAD5 LINK V5



REFRESH YOUR EXPERIENCE — INSIDE AND OUT

The X-431 PAD5 LINK V5 delivers smoother performance than ever, powered by Android 15 and a new octa-core processor.

With a brand-new host design and the latest SmartLink V4 VCI, it provides a more powerful diagnostic experience featuring AI-powered intelligence, full OE-level diagnostics, and advanced coding and programming capabilities.

- Android 15 Operating System
- Wi-Fi 6 Diagnostic Connectivity
- 45W PD Fast Charging
- LAUNCH AI Diagnostics
- Customizable X Button
- Coding & Programming Functions
- VW & Audi Guided Functions
- 41 Service Functions

SPECIFICATION

	X-431 PAD5 LINK V5
OS	Android 15
DISPLAY	10.1-inch, 1920*1200, full laminated and sunlight-readable.
CPU	Octa-core(2×2.2GHz+6×2.0GHz)
RAM	8G
STORAGE	256G
BATTERY	7.6V@7000mAh/53.2Wh, equivalent to approximately 3.8V, 14000mAh.
CAMERA	Rear 13MP, Front 8MP
WIRELESS	2.4GHz/5GHz
INTERFACE	Type C (Support 45W fast charge), Type A
WORKING TEMPERATURE	0~50°C
SIZE	287.2*203.5*45.9(mm)

	SMARTLINK V4
DISPLAY	5", 1280*720
CPU	Dual-core 1.7G
RAM	1G
COMMUNICATION	Local Diagnosis: Wired/Wireless SmartLink Remote Diagnosis: Wireless/Ethernet
INTERFACE	DB15, Type B USB, RJ45, DC IN
WORKING VOLTAGE	DC 8V ~ 36V
DIMENSION	187.6*32.8*106(mm)
WEIGHT	0.35kg

X-431 PRO3 LINK V2



DUAL DIAGNOSTIC MODE SCANNER

X-431 PRO3 LINK V2 is the next-generation PRO series intelligent diagnostic tool, powered by Android 15.

Building on the proven capabilities of the X-431 PRO3 LINK, the V2 version delivers improved performance and efficiency for everyday diagnostics.

Equipped with an octa-core processor, 128GB storage, and the upgraded SmartLink C V4 VCI, it provides faster, more stable, and more reliable diagnostics.

- Octa-core Processing & Dual Wi-Fi
- Intelligent System Scan
- Topology Mapping
- SmartLink V4 Remote Diagnostics
- Extensive Add-On Module Support
- Extensive Vehicle Coverage (Passenger, Commercial and EV)
- J2534, D-PDU Supported
- DoIP/CAN 2.0/CANFD Protocols

SPECIFICATION

OS	Android 15
DISPLAY	10.1", 1280*800
CPU	Octa-core (2*2.0GHz+6*1.8GHz)
RAM	4GB
STORAGE	128GB
BATTERY	6,300mAh@7.6V/47.88Wh, equivalent to 12,600mAh@3.8V
CAMERA	Rear 8MP, Front 5MP
WIRELESS	2.4GHz/5GHz
INTERFACE	Type C (support 45W fast charge), Type A
WORKING TEMPERATURE	0-50°C
SIZE	282.2X197.6X38.55mm

SmartLink V4



SmartLink B V4 SmartLink C V4

DIAGNOSING FROM A THOUSAND MILES AWAY

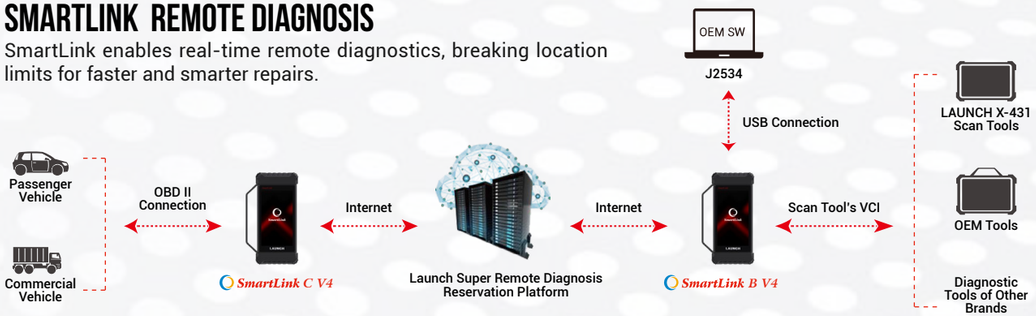
The all-new SmartLink V4 marks a major leap in diagnostic communication technology.

Built with upgraded hardware and enhanced connectivity, it delivers faster response, more stable performance, and a more seamless diagnostic experience for both local and remote operations.

- 5" Touchscreen (1280×720)
- Dual-Core Processor with 1GB RAM
- 4-Channel CANFD
- Wi-Fi 6 Diagnostic Connectivity
- Dual-Antenna Wi-Fi for Stronger Signal
- Auto VIN Identification
  *Function based On the Vehicle Model

SMARTLINK REMOTE DIAGNOSIS

SmartLink enables real-time remote diagnostics, breaking location limits for faster and smarter repairs.



Security Gateway Access

VAG | FCA | RENAULT

AVAILABLE SGW LICENSE CARDS

Available for X-431 scanners (7" and above)

LE-FCASGW-1 License Card

1 YEAR ACCESS For FCA Models

LE-VWSGW-12-INT License Card

1 YEAR ACCESS For VAG Models

LE-RENSGW-20 License Card

20 SGW UNLOCKS For Renault and DACIA Models

WHAT IS SGW?

Controls access to a vehicle's electronic systems, allowing only authorized communication.

WHY SGW?

Modern vehicles need protection against unauthorized access and cyberattacks.

WITHOUT SGW, YOU' LL

- NO ActiveTests
- NO Programming
- Read-Only Basic Data

IN PLACE ON

Many vehicles, particularly the latest models.

SUPPORTED BRANDS & MODELS

VAG	☑ Volkswagen ☑ VW Commercial Vehicles ☑ Audi ☑ Skoda ☑ Seat/Cupra ☑ Lamborghini ☑ Bentley
FIAT Chrysler Automobiles	☑ Chrysler ☑ Dodge ☑ Alfa Romeo ☑ Fiat ☑ Lancia ☑ Maserati ☑ Jeep
RENAULT	☑ Twingo 3 ☑ Clio 5 ☑ Zoe ☑ Megane 4 ☑ Megane ☑ Etech ☑ Captur 2 ☑ Arkana ☑ Austral ☑ Espace 5+6 ☑ Talisman ☑ Kangoo3 ☑ Traffic 3
DACIA	☑ Sandero 3 ☑ Logan 3 ☑ Duster 3 ☑ Spring ☑ Jogger

LAUNCH SGW Activation enables full access to all diagnostic functions.

X-939 ADAS & Wheel Aligner

INTELLIGENT ADAS CALIBRATION SYSTEM WITH WHEEL ALIGNMENT

X-939 delivers fully automated centering, distance, and height adjustment — enabling faster, more accurate calibration for any technician. Unlike traditional ADAS systems that require skilled labor, manual measurement, and over 10 minutes of setup, X-939 makes the process effortless and precise.



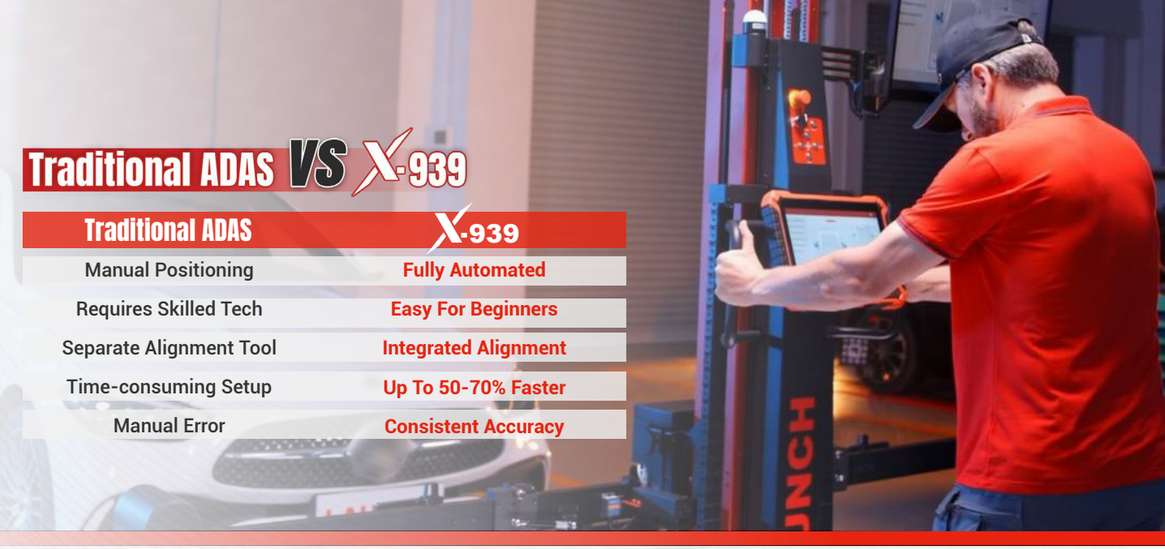
SPECIFICATION

POWER	260W
POWER SUPPLY	100~264V,50/60 Hz
FRAME FOLDED SIZE	1486mm*845mm*1900mm
BEAM UNFOLDED SIZE	2756mm
BEAM FOLDED SIZE	1486mm
FRAME HEIGHT RANGE	1900 ~ 2850mm
BASE SIZE	1005m*845mm*180mm
CAMERA NUMBERS	5
WORKING TEMPERATURE	-10~50°C
STORAGE TEMPERATURE	-20~60°C

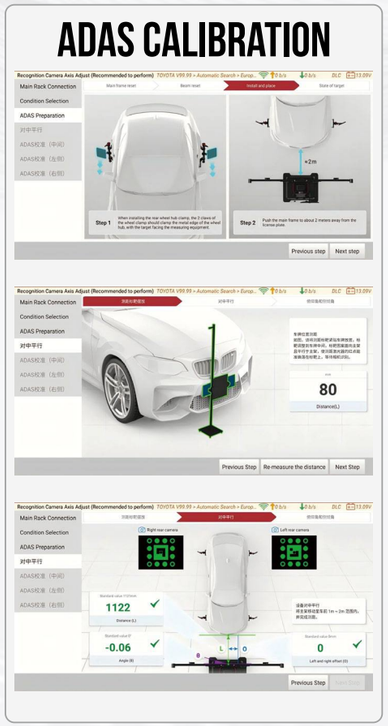


Traditional ADAS VS X-939

Traditional ADAS	X-939
Manual Positioning	Fully Automated
Requires Skilled Tech	Easy For Beginners
Separate Alignment Tool	Integrated Alignment
Time-consuming Setup	Up To 50-70% Faster
Manual Error	Consistent Accuracy



ADAS CALIBRATION



AUTO ADAS CALIBRATIONS

- Auto Centering/Distance Calibration/Height Adjustment
- Ground Level Automatic Compensation
- Real-time Self-Calibration
- Auto Target Finding and Tracking

WHEEL ALIGNMENT



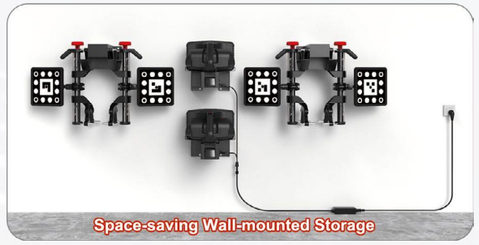
INTEGRATED WHEEL-ALIGNMENT CHECKS

- Quick Wheel Alignment Check
- Before/After Alignment Report
- Extensive Vehicle Database

X-613 Portable 3D Wheel Aligner



Composed of two magnetic measurement units and four wheel clamp targets, connected via a wireless network, the X-613 is a wireless, ready-to-use four-wheel aligner for repair shops. Unlike traditional 3D wheel aligners, the X-613 eliminates the need for beams and cabinets, pairing with the LAUNCH diagnostic tool(X-431 PAD9/7/5 LINK) to perform precise four-wheel alignment detection. The X-613 supports both standard measurement and quick measurement, including key parameters such as toe, camber, caster, kingpin inclination, and thrust angle, as well as additional measurements including track width, wheelbase, wheel offset, axle offset, diagonal offset, and center offset.



SUPER SAVING

No wiring, ready to use by screwing targets onto wheel clamps, saving space and costs on tablets and apps when paired with the LAUNCH diagnostic tool.

WIDE COVERAGE

Supports a wide range of vehicles worldwide, from passenger to light commercial — ideal for all workshops.

30S

Generates wheel alignment measurement results within 30 seconds, quick and effortless.

COMPATIBLE

Works with the X-431 PAD9/7/5 LINK scan tools and can be applied to both Big Scissor Lift Platforms and Four-post Lift Platforms.

SUPER SAVING WITH THE X-613



SAVE TIME & EFFORT

No wiring required. Ready to use by simply screwing the targets onto the wheel clamps.

SAVE SPACE

No beams or cabinets for preinstallation, making it ideal for repair shops with limited space.

SAVE MONEY

If you already have an X-431 PAD9/7/5 LINK, which includes the APP, you'll save on both tablet and APP costs.

WHEEL CLAMP TYPES

STANDARD



OPTIONAL



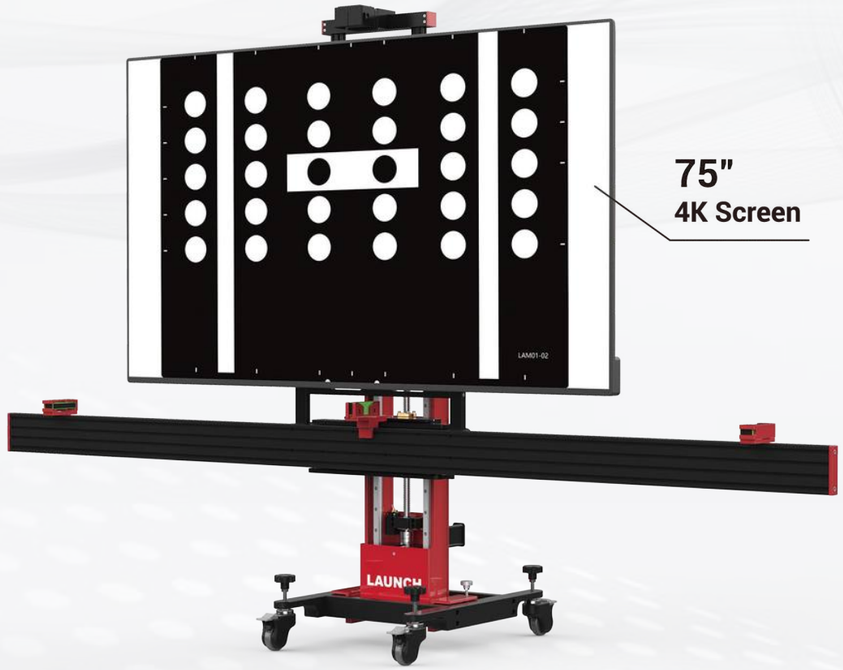
SPECIFICATION for Supported Vehicles

Measurement Parameter	Measurement Range
TOE ANGLE	±20°
CAMBER ANGLE	±10°
CASTER ANGLE	±20°
KINGPIN INCLINATION	±20°
TRACK WIDTH	1290~1900mm
WHEELBASE	1940~4600mm
HUB DIAMETER (FOR 4-POINT WHEEL HUB CLAMP)	275~640mm
TIRE DIAMETER (FOR 3-POINT TIRE CLAMP)	470~1100mm

X-431 ADAS PRO+ V2

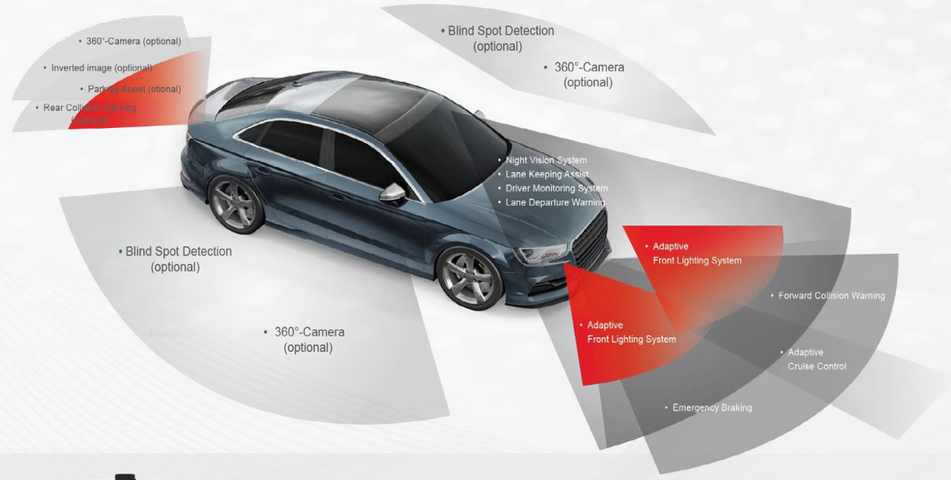
INTELLIGENT ADAS CALIBRATION SYSTEM WITH WHEEL ALIGNMENT

Featuring a 75-inch 4K LCD, the X-431 ADAS PRO+ V2 digitizes most front camera targets, eliminating the need for physical setup. This boosts ADAS calibration efficiency, saves storage space, and reduces maintenance and transport costs. To be compatible with more ADAS systems, the LCD screen can be removed and replaced with physical targets, enabling it to function as a complete X-431 ADAS Pro+ calibration tool.



SUPPORTED DIGITAL TARGETS

LAM01-02 Audi/VW	LAM01-11 Alfa Romeo	LAM01-30-L/R Daihatsu II	LAM01-09 Hyundai/Kia	LAM01-17 Honda II	LAM01-35 Leapmotor	LAM01-10 Mazda I	LAM01-16-L/R Mazda II
LAM01-32 L/R Maserati	LAM01-01 Mercedes	LAM01-19 L/R Mitsubishi	LAM01-07-L/R Nissan I	LAM01-12-L/R NissanII/Renault	LAM01-23 L/R Sprinter	LAM01-15 Subaru I	LAM01-21 Subaru II
LAM01-18 L/R Suzuki	LAM01-25 Suzuki II	LAM01-36 Tesla	LAM01-06-1 Toyota I	LAM01-06-2 Toyota II	LAM01-06-3 Toyota III	LAM01-06-4 Toyota IV	



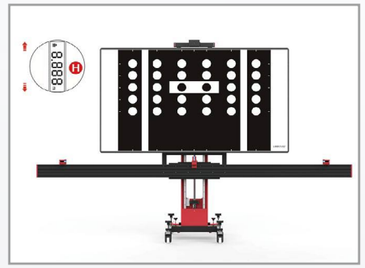


WORKS AS X-431 ADAS PRO+ V2

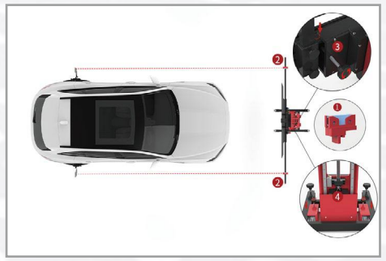
With the digital screen removed and physical targets installed, the ADAS PRO+ V2 transforms into an ADAS PRO+ calibration tool, supporting over 95% of ADAS-equipped vehic les.



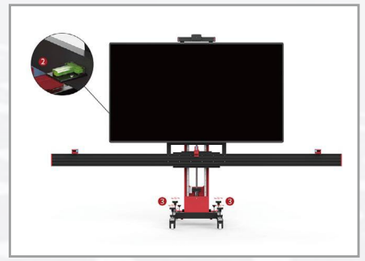
MULTI-DIECTIONAL FINE-TUNING



BEAM LIFTING AND LOWERING



PARALLELIZATION ANDCENTRALIZATION



LEVEL ADJUSTMENT

X-431 ADAS ECO

INTELLIGENT ADAS CALIBRATION SYSTEM WITH WHEEL ALIGNMENT



VW LDW TARGET
LAM01-02

VW	Audi	Porsche
Škoda	··· ···	



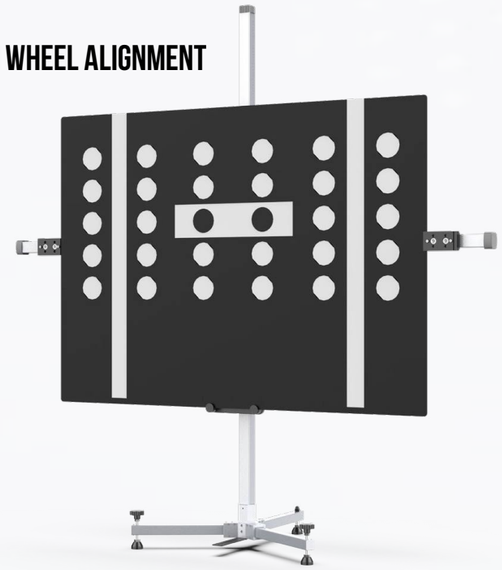
ACC RADAR TARGET
LAM05-02

VW	Audi	Porsche
Škoda	BMW	Nissan
Hyundai	Kia	··· ···



TRIANGULAR CALIBRATION CONE
LAC05-03

Toyota	Honda	Mazda
Subaru	Mitsubishi	Hyundai
Kia	··· ···	

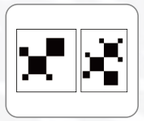


X-431 ADAS MOBILE PLUS





Foldable



Most Compatible



Easy-to-use

LDW BSD AVM
RCW ACC NVS
TSR PPS LKA
FCW APA AFS
AEB

ADAS RADAR 3 IN 1 STANDARD CONFIGURATION Optional



Main Unit



LAC05-02
with ACC Radar Target
- ☑ ACC (Adaptive Cruise Control)



LAC05-03
with Corner Reflector
- ☑ ACC (Adaptive Cruise Control)
- ☑ BSD (Blind Spot Detection)



LAC05-04
with Doppler Simulator
- ☑ LCA (Lane Change Assist)
- ☑ FCR (Front Corner Radar)

DIAGNOSTIC
BATTERY PACK TOOL
LIFT

EV SOLUTIONS FOR MAINTENANCE & DETECTION

COMPLETE WORKSHOP WORKFLOW FOR AN ELECTRIC VEHICLE



1

INCOMING INSPECTION

A Electric Vehicle (EV) vehicle arrives at the workshop with a reported issue.

2

FAULT IDENTIFICATION

The fault is identified in one of the EV battery cells.

3

ELECTRIC VEHICLE DIAGNOSTICS

A comprehensive diagnostic is performed using the X-431 Diagnostic Tool and EV ADD-ON Kit.



4

SAFETY PROCEDURES

The EV system is de-energized in accordance with the manufacturer's safety requirements.

5

BATTERY PACK REMOVAL

The EV battery pack is removed using the specially designed TLT610/TLT615D Lift System.



6

BATTERY INSPECTION & DISCHARGE

The EV battery pack is inspected and prepared for repair.
Using the EVP711/EVP811, the cells are discharged to make them safe for storage and transportation.



7

MODULE REPLACEMENT

The faulty module or defective cells are replaced.

8

VOLTAGE EQUALIZATION

Using the EVB648/ EVB624, all cells are balanced to the same voltage level.



9

SEALING TEST

A comprehensive sealing test of the HV battery is performed using the EVT511S.



10

BATTERY PACK INSTALLATION

The HV battery pack is safely reinstalled using the TLT610/ TLT615D Lift System.



11

INSULATION RESISTANCE TEST

The insulation resistance is measured using the ES200 to ensure the EV battery meets safety requirements and prevent short-circuit risks.

12

COMMISSIONING

The EV system is reactivated in accordance with the manufacturer's procedures, and the vehicle is returned to operation.



X-431 PAD9 LINK EV



FLAGSHIP DIAGNOSTICS FOR EVS

- 95% + Electric Vehicle Coverage
- Comprehensive Battery Pack Detections
- Battery Pack Data Stream
- Fast Reading of Battery Pack Info
- In-depth Access to Cell Voltage & Temperature Data
- Support 50+ Service Functions
- Expandable Vehicle Coverage via Mall
- A Wide Range of Add-on Modules



3 CONNECTION METHODS



DIAGNOSING VIA
Specialty Connectors/Cables



DIAGNOSING VIA
OBD interface



DIAGNOSING VIA
Jumpers with basic infomarked

SPECIFICATION

	X-431 PAD9 LINK EV
OS	Android 13
DISPLAY	13.6 inch, 2560*1600 TFT
CPU	2.0GHz, Octa-Core
RAM	12G
STORAGE	512G
BATTERY	71.1Wh (7.6V, 9360mAh)*
CAMERA	Rear 20MP, Front 8MP
VCI CONNECTION	2.4GHz/5GHz
DIMENSION	373.9*253.7*36.6 (mm)
INTERFACE	Type C, Type A, DC IN, Micro SD, Mini HDMI

	SmartLink C V3
DISPLAY	3.95", 320*480
RAM	256MB
STORAGE	8GB
COMMUNICATION	Local Diagnosis: WiFi/BT/USB SmartLink Remote Diagnosis: WiFi/Ethernet
INTERFACE	DB15, Type B USB, RJ45, DC
WORKING VOLTAGE	9V DC~36V DC
DIMENSION	197*108*43 (mm)
WEIGHT	0.45kg

*7.6V, 9360mAh: Equivalent to approximately 18,720mAh at 3.8V, roughly double the capacity at the same reference voltage.

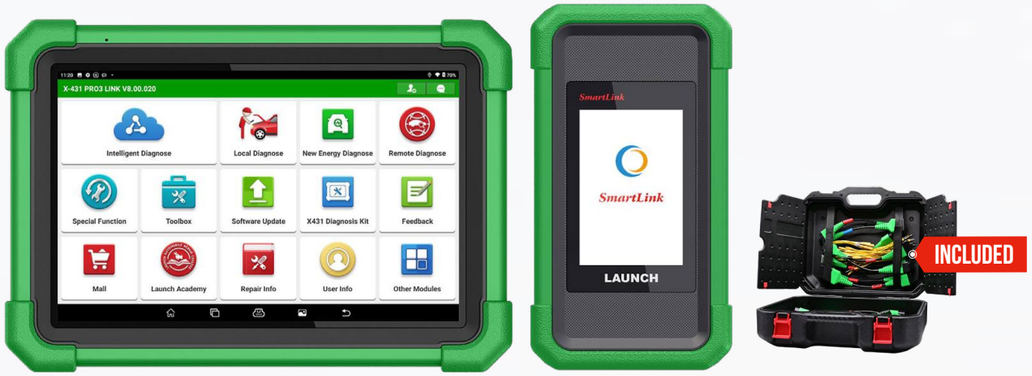


PROFESSIONAL EV DIAGNOSTICS

EXPANDABLE VEHICLE COVERAGE VIA MALL

Passenger Cars | Commercial Vehicles | Motorcycles | IMMO Service

X-431 PRO3 LINK EV



95% + ELECTRIC VEHICLE COVERANGE

120+
EV PASSENGER CARS

30+
EV COMMERCIAL VEHICLES

BATTERY PACK DETECTIONS

140+
EV PASSENGER CARS

70+
EV PASSENGER CARS

20+
BATTERY PACK BRANDS

- Battery Pack Data Stream
- Fast Reading of Battery Pack Info
- In-depth Access to Cell Voltage & Temperature Data
- Support 40+ Service Functions
- Expandable Vehicle Coverage via Mall
- A Wide Range of Add-on Modules

SPECIFICATION

	X-431 PRO3 LINK EV
OS	Android 10.0
DISPLAY	10.1-inch, 1280*800, fully laminated and sunlight-readable
CPU	2.0GHz, Quad-core
RAM	4GB
STORAGE	64GB
BATTERY	47.88Wh (7.6V,6300mAh)*
CAMERA	Rear camera, 8MP
WI-FI	2.4GHz/5Ghz (b/g/n)
INTERFACE	Type-A, Type-C
WORKING TEMPERATURE	0~50°C
SIZE	274*190.5*40.5 (mm)

	SmartLink C V3
DISPLAY	3.95", 320*480
RAM	256MB
STORAGE	8GB
COMMUNICATION	Local Diagnosis: BT/USB SmartLink Remote Diagnosis: WiFi/Ethernet
INTERFACE	DB15, Type B USB, RJ45, DC
WORKING VOLTAGE	9V DC~36V DC
DIMENSION	200*110*47 (mm)

*7.6V, 6300mAh: Equivalent to approximately 12,600mAh at 3.8V, roughly double the capacity at the same reference voltage.

EV DIAGNOSIS ADD-ON KIT

150+ EV Car Passengers BATTERY PACKS

90+ EV Commercial Vehicles BATTERY PACKS

20+ BATTERY PACK BRANDS



BATTERY PACK DIAGNOSTICS

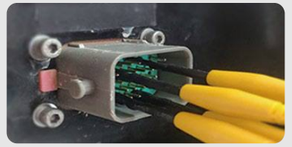
- Battery Pack Modules
- Temperature
- State of Charge Analysis
- Each Battery Cell for Voltage, Temperature, Data Streams, etc
- State of Health Analysis



Diagnosing via
Specialty Connectors/Cables



Diagnosing via
OBD interface



Diagnosing via
Jumpers with basic infomarked

COMPATIBLE SCAN TOOLS

X-431 PAD9 LINK, X-431 PAD7 LINK, X-431 PAD5 LINK, X-431 PRO3 LINK, X-431 PRO3 SE, X-431 IMMO PAD, etc.
The color-coded graphic Topology Mapping is available on Compatible X-431 scan tools.



Including Specialty Cables for Tesla



TL-153B
for Model S/ Model X



Tesla-Airbag



TL-124B
for Model 3 and some Model Y,



TL-152B
for Model 3/Model Y



LAN Network Port
Diagnostic Connector
For Models S/X/3/Y

EVM324

BATTERY EQUALIZER & CHARGE-DISCHARGE DEVICE

EVM324, an all-in-one solution for EV battery maintenance, integrating cell equalization, charging & discharging, and diagnostics.
With broad battery compatibility, intelligent safety protection, and efficient multi-tasking, it ensures safe, accurate, and high-efficiency service for modern EV workshops.



CHARGING & DISCHARGING VOLTAGE
Charging voltage: DC 0-110V
Discharging voltage: DC 0-5V

CHARGING & DISCHARGING CURRENT & POWER
Charging Current: 0.5 ~ 40A
Discharging Current: 0.1 ~ 20A
Charging Power: Max 3.2 kW
Discharging Power: Max 2.4kW

CURRENT & VOLTAGE ACCURACY
Current: ±0.5%FS±0.05A (Max Range: 20A)
Voltage: ±0.1%FS+5mV (Max range: 5V)

SAFETY PROTECTION
Overcharge, Over-Discharge, Overcurrent, Overvoltage, Overtemperature, Reverse Connection, And Abnormal Shutdown Protection

INPUT POWER
AC 100V~240V, 50/60Hz

COMMUNICATION INTERFACE
Wi-Fi, Bluetooth

- EV battery cell equalization with intelligent balancing for optimal battery performance
- Compatible with multiple battery types including NCM, LFP, and LTO for wider application
- High-current charging and discharging for fast and efficient battery maintenance
- Comprehensive safety protection with advanced safeguards for reliable operation
- Extensive EV diagnostics covering a wide range of electric vehicles
- Supports testing and maintenance of core EV components including motors and electronic control systems
- In-depth battery pack inspection with real-time monitoring of key parameters like SOC, SOH, and cell data
- Multi-tasking capability with floating window mode for simultaneous operations



WORKS WITH X-431 DOAGNOSTIC TOOLS
Currently supports X-431 PAD9 LINK, PAD7 LINK, PAD5 LINK, PRO3 LINK etc.

EVP811

BATTERY PACK CHARGING AND DISCHARGING INTEGRATED MACHINE

EVP811 is a professional solution for complete EV battery pack maintenance, supporting both B2B and B2V operation modes.
It allows flexible charge and discharge through the vehicle charging port or directly on battery packs using standard fast-charging protocols.
Equipped with extensive BMS compatibility and advanced cell protection mechanisms, EVP811 delivers safe, efficient, and reliable performance for on-site maintenance operations.



CHARGING & DISCHARGING VOLTAGE
Charging: 150V ~ 1000V
Discharging: 200V~865V

CHARGING & DISCHARGING CURRENT & POWER
Current: Max 100A
Power: Max 30kW

CURRENT & VOLTAGE ACCURACY
Current: ≤0.1%F.S
Voltage: ≤0.5%FS

SAFETY PROTECTION
Reverse Polarity, High Temperature Warning, Short Circuit, Leakage, Phase Loss, Overvoltage, Undervoltage, Overcurrent, Overtemperature, And Tilt Protection.

INPUT POWER
AC 220V/380V 50/60Hz

COMMUNICATION INTERFACE
CAN / RS485 / Wi-Fi / Bluetooth

- Multi-mode battery maintenance with B2B/B2V support for vehicle charging, energy transfer, and full pack testing
- 4500+ BMS protocols covering major EV brands for broader compatibility and accurate diagnostics
- Up to 30kW high power combined with cell-level safety monitoring for efficient and reliable operation
- Energy-efficient charge and discharge with power recovery to reduce energy waste
- Real-time battery health visualization including SOC, SOH, voltage, current, temperature, and cell status
- Supports global fast charging standards including GB/T 27930 and ISO 15118 for wide market adaptability
- Direct fast charging connection enables flexible vehicle charging in maintenance and emergency scenarios

EVP711

EV BATTERY PACK MODULE CHARGING & DISCHARGING



CHARGING & DISCHARGING VOLTAGE
DC 2~400V

CHARGING & DISCHARGING CURRENT & POWER
Charging Current: 0~100A
Discharging Current: 0~100A
Charging Power: Max 4.4kw
Discharging Power: Max 7.2kw

CURRENT & VOLTAGE ACCURACY
Current: ≤±(1%FS+0.2A), resolution: 0.1A
Group Terminal Voltage: ≤±(0.5%FS+0.3V), resolution: 0.01V
Single Cell Voltage: ≤±(0.1%FS+5mV) resolution: 0.01V

SAFETY PROTECTION
Overvoltage, undervoltage, overcurrent, output short-circuit, reverse connection, overheat protection, etc.

INPUT POWER
AC90~264V

COMMUNICATION INTERFACE
RS485

- All-in-one battery pack maintenance solution integrating charging, discharging, and performance testing for efficient service operations
- Compatible with lithium and NiMH batteries to support a wide range of battery applications
- Flexible charging and discharging modes designed to meet diverse testing and maintenance needs
- Wide voltage adaptability enables seamless operation across different battery pack specifications
- Optimized charge and discharge strategies help improve battery capacity and overall performance
- Real-time alarm system monitors abnormal conditions to ensure safe and reliable operation

EVB648

EV BATTERY PACK CELL EQUALIZER



CHARGING & DISCHARGING VOLTAGE
1.8~4.5V

CHARGING & DISCHARGING CURRENT & POWER
Current: 0.1~5A
Power: Max 1200W

CURRENT & VOLTAGE ACCURACY
Current: ±(1%FS±0.05A)
Voltage: ±(0.1%FS±2mV)

SAFETY PROTECTION
Charging: Constant Current Charging + Constant Voltage Charging
Discharging: CC+CA

INPUT POWER
AC 90~264V

COMMUNICATION INTERFACE
TCP/IP, USB, Wi-Fi

- Compatible with multiple lithium battery types including NCM/NCA, LFP, LTO, and LMO for broad application coverage
- Supports up to 48 channels simultaneous balancing for efficient multi-cell operation
- Single-cell balancing design ensures precise and targeted battery maintenance
- Adjustable balancing parameters allow flexible configuration for different maintenance needs
- Pre-set voltage ranges enable quick setup and improve operational efficiency
- Auto-switch charging and discharging modes for seamless and intelligent operation
- High-precision single-cell voltage measurement ensures accurate battery analysis
- Integrated data logging and visualization for better monitoring and diagnostics
- Real-time monitoring provides full visibility of battery status during operation
- Comprehensive safety protection ensures a reliable and worry-free working process

EVB624

EV BATTERY PACK CELL EQUALIZER (24 CHANNELS)





CHARGING & DISCHARGING VOLTAGE
Charging: DC 0~112V
Discharging: DC 2.8~4.2V

CHARGING & DISCHARGING CURRENT & POWER
Charging Current: 1~40A
Discharging Current: 1~10A

CURRENT & VOLTAGE ACCURACY
Charging Current: ≤±1% @output>4A
Discharging Current: ≤±1% @output>4A
Charging Voltage: ≤±1% @48-112VDC, ≤±0.5V@10-48VDC
Discharging Voltage: <±1%@48-112VDC, ≤±0.5V@10-48VDC

SAFETY PROTECTION
Overvoltage, Undervoltage, Overcurrent, Output Short Circuit, Reverse Connection, Overtemperature Protection, Etc.

INPUT POWER
AC90~264V, 50Hz/60Hz

COMMUNICATION I NTERFACE
Wi-Fi, Bluetooth

- Separate charging and discharging design enable more efficient and flexible balancing operations
- Modular system with one charging unit and six discharging units for scalable configuration
- Flexible channel combination adapts to different battery balancing requirements
- Supports up to 24 cells simultaneous balancing for improved efficiency
- Supports both charge-discharge and discharge-only balancing modes
- Isolated high-precision voltage acquisition ensures accurate cell data
- Patented clamp design simplifies wiring and improves usability

EVT511S

EV BATTERY PACK AIR TIGHTNESS TESTER



TEST PRESSURE RANGE
Low pressure: 0 ~ 30kPa
High pressure: 30 ~ 500kPa

TEST POWER
Max 20W

TEST ACCURACY
±5Pa

SENSOR RESOLUTION
1Pa

AIR SOURCE REQUIREMENTS
φ6mm/φ6mm

INPUT POWER
AC 100~240V, 50/60Hz

COMMUNICATION INTERFACES
RS485

- Applicable to both battery pack housings and liquid-cooling systems for wider testing scenarios
- High-sensitivity pressure sensing ensures accurate and reliable detection results
- Supports both high- and low-pressure testing for comprehensive airtightness inspection
- Professional airtightness testing improves sealing performance and product reliability
- Real-time pressure and leakage monitoring provides clear and intuitive test visibility
- Testing process visualization enhances operation control and user experience
- Flexible parameter configuration adapts to different testing requirements
- Reliable data management supports data recording and analysis
- Integrated alarm notifications ensure safe and controlled testing operations

ELA400

INTELLIGENT DIGITAL POWER SUPPLY



VOLTAGE & CURRENT RANGE

High Voltage: 50~900V
High Current: 0~5A
Low Voltage: 0~50V
Low Current: 0~15A

SAFETY PROTECTION

Overvoltage, Undervoltage, Overcurrent, Output Short Circuit, Reverse Connection, Overtemperature Protection, Etc.

COMMUNICATION I NTERFACE

Bluetooth

INPUT POWER

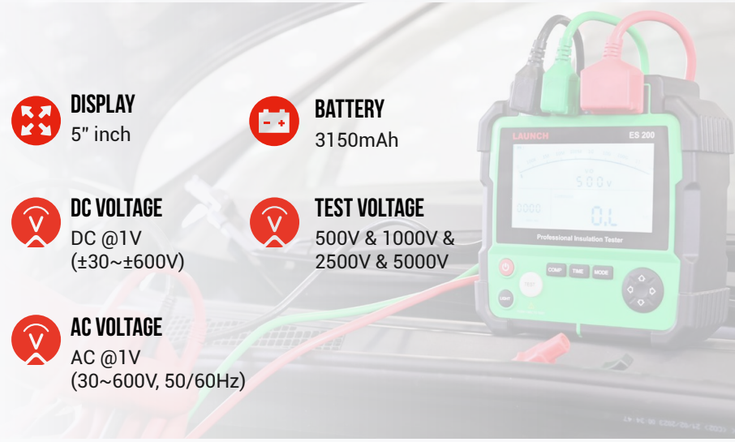
AC 100~240V@20A

- Designed for new energy and fuel vehicles for versatile applications
- Dual-mode output with high-voltage (50–900V) and low-voltage (0–50V) support
- Adjustable current output up to 5A (high voltage) and 15A (low voltage) for flexible operation
- High-voltage self-check protection ensures safe and reliable operation
- Built-in current limiting and short-circuit protection for enhanced safety
- Bluetooth wireless control enables convenient and remote operation
- Knob-based adjustment provides precise and easy control of output parameters

ES200

EV INSULATION RESISTANCE TESTER





DISPLAY

5" inch

BATTERY

3150mAh

DC VOLTAGE

DC @1V
(±30~±600V)

TEST VOLTAGE

500V & 1000V &
2500V & 5000V

AC VOLTAGE

AC @1V
(30~600V, 50/60Hz)

- Timing Measurement
- Comparison Measurement
- Continuous Measurement

TTH-84

84-PIECES EV MAINTENANCE TOOL CART KIT



- VDE certificated
- IEC60900 certificated
- GS certificated
- CE certificated



12pcs Pliers & Screwdriver Tool Holder Set



13pcs Torx & Wrench Tool Holder Set



13pcs Open-end wrench Set



22pcs 12.5mm Socket Holder Set



23pcs 10mm Socket Holder Set

LAUNCH EV BATTERY PACK LIFTS FOR REPLACEMENT & MAINTENANCE



TLT610
With Hand Pendant Box



TLT615D
With Electrical Controller

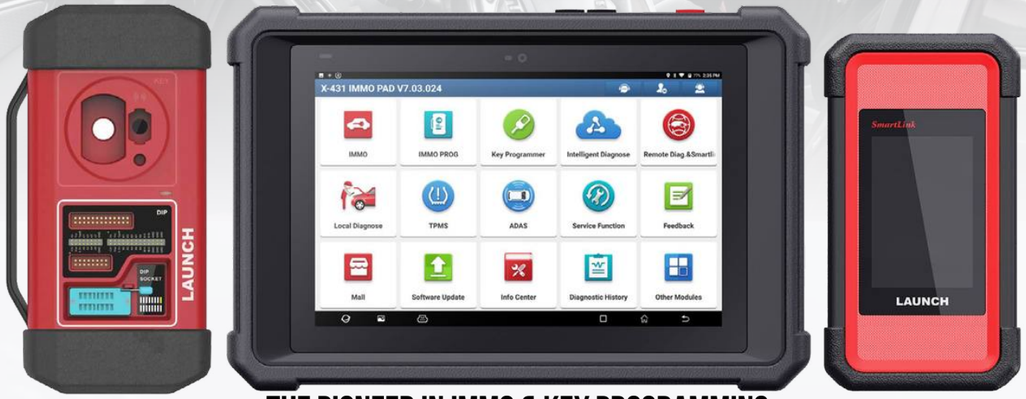
SPECIFICATION

	TLT610	TLT615D
SUPPLY VOLTAGE	AC 220V 50Hz	AC 220V 50Hz
OPERATING VOLTAGE	DC 12V	DC 24V
POWER	2.2kw	2.2kw
RATED LIFTING WEIGHT	1000kg	1500kg
LOWEST HEIGHT	600mm	1200mm
HIGHEST HEIGHT	1900mm	1850mm
PLATFORM WIDTH	800mm	800mm
PLATFORM LENGTH	2200mm	1380mm
ASCENDING TIME	≤60s	<30s
DESCENDING TIME	≤75s	<40s
CONTROL METHOD	Hand pendant box to control its lowering and lifting remotely	Lift and lower with electrical controller and secured by mechanical safety lock

ANTI-THEFT FUNCTIONS
ECU CLONING
KEY PROGRAMMING

INTELLIGENT IMMO & KEY PROGRAMMING

X-431 IMMO PAD



THE PIONEER IN IMMO & KEY PROGRAMMING

OE-LEVEL VEHICLE DIAGNOSTICS

- Color-coded Graphic Topology Mapping
- X-431 FIX Auto Repair Database
- Bi-directional Control
- Coding & Programming
- CAN/CAN FD/DoIP/J2534
- 39 Service Functions
- SmartLink Remote Diagnosis
- Tech-to-Tech Remote Diagnosis
- Passenger Cars Diagnostics
- Heavy-duty Vehicles Diagnostics
- ADAS Calibration & TPMS Service
- EV Battery Pack Diagnostics

IMMO & KEY PROGRAMMING

- ECU Reading/Writing
- ECU Cloning/Programming
- Anti-theft Password Reading
- Anti-theft IC Reading and Writing
- Anti-theft Key Matching/Copying
- Smart Key Generation
- Anti-theft Modules Replacement
- Key Adding
- All Keys Lost

SPECIFICATION

OS	Android 7.1
DISPLAY	10.1", 1920*1200
CPU	2.0GHz, Octa-core
RAM	4GB
STORAGE	256GB
BATTERY	9360mAh @3.8V/35.57Wh
CAMERA	Rear 13MP, Front 8MP
DIMENSION	320*211*46 (mm)
VCI CONNECTION	2.4GHz/5GHz dual WIFI
INTERFACE	Type C*1 & Type A*1

X-PROG5



SCAN TOOLS' IMMO ASSIST

- Engine & gearbox ECU cloning for 12,000+ models
- Engine & Transmission ECU Cloning
- ECU cloning via PC software with data verification
- IC Reading/Writing
- 3000+chip read/write, including encrypted and BMS chips
- Integrated key programming with key generation and ID48/96/46 cloning
- Full VW/Audi Anti-theft System
- Audi MLB Key Matching
- BMW Anti-theft System
- Benz FBS3 Clearing/ Replacement/Programming

INTERFACE	INPUT VOLTAGE	INPUT CURRENT	WORKING TEMPERATURE	STORAGE TEMPERATURE
DB26, DB15	DC12V	500mA	0-50℃	-20-70℃

	X-PROG5	X-PROG3
VW MQB DASHBOARD (MECHANICAL/SMART KEY) ALL-KEYS-LOST SUPPORTED,WITH ENGINE/TRANSMISSION DATA PARSING	●	Few support
MERCEDES-BENZ W164/W169/W209/211 ALL-KEYS-LOST PASSWORDCALCULATION (FBS3, NON-GATEWAY)	●	X
MULTIPLE MERCEDES-BENZ LOCK (EIS/EZS) CLONING	●	Partial Support
MERCEDES-BENZ FDCT /VGS4NAG2/VGSNAG3 CLONING (FBS4)	●	X
MERCEDES-BENZ DSM SUPPORT (FBS4)	●	X
BMW ENGINE ISN CODE READING	●	Few support
VW MQB 5C/5D KEY PROGRAMMING	●	X
WW/AUDI SIMOS18 CLONING	●	X
VW V850 DASHBOARD DATA READ & CLONE	●	Few support
WW RH850 DASHBOARD DATA READ & PARSING	●	Few support

X-431 KEY PROGRAMMER



WORKS WITH X-431 DIAGNOSTIC TOOLS

1000+
Vehicle Models
Universal Smart Keys
8A/4D/4A/46/47/48/49/MQB48/MQB49

2000+
Vehicle Models
Universal Normal Remote
Programming Cable Required

MANY
IMMO Transponders
Universal Transponder Keys
11/12/13/7936/7937/7946/7947

ANTI-THEFT TYPE IDENTIFICATION

REMOTE CONTROL MATCHING

KEY MATCHING

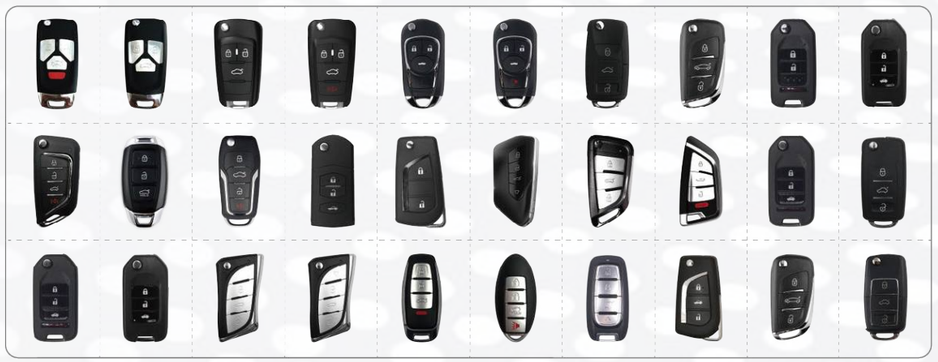
ANTI-THEFT TYPE PASSWORD READING

KEY CHIP READ & WRITE

ANTI-THEFT COMPONENT REPLACEMENT



Super Chip
Compatible with most model chips for conversion and matched for vehicle starting.
One chip for all, supporting 8A, 8C, 8E, 4C, 4D, 4E, 48, 7935, 7936, 7938, 7939, 11/12/13



TIRE SHOP
COLLISION SHOP
REPAIR SHOP

LAUNCH COMPLETE TPMS SOLUTIONS

Creader TPMS 511S V2

STANDALONE INTELLIGENT TPMS SERVICE & DIAGNOSTIC TOOL





99%
VEHICLE COVERAGE
With A Tire-pressure System

315/433 MHZ
SENSORS 100% Activated

TPMS Sensors
Activation & Programming
by Inputting OE Sensor Part No.

+∞
UNLIMITED REPROGRAMMING
LAUNCH Sensors

12 SERVICE FUNCTIONS

- Oil Maintenance Reset
- Electric Throttle Relearn
- Sunroof Reset
- Brake Reset
- ABS Bleeding
- Battery Matching
- Battery Matching
- Suspension
- Injector Coding
- Seat Occupancy Calibration
- Windows Calibration
- DPF Regen

SPECIFICATION

OS	Android 8.1
DISPLAY	5'', 720P touch screen
CPU	1.3GHz
STORAGE	2GB+32GB
BATTERY	6000mAh
COMMUNICATION/UPGRADE	Wi-Fi 2.4GHz (b/g/n)
WORKING TEMPERATURE	0~45 ℃
STORAGE TEMPERATURE	-20~70 ℃
INTERFACE	OBDII & Type C
PACKAGE SIZE	76*175*250 (mm)
CERTIFICATES	CE/FCC/ROHS/IC
WEIGHT	<880g

i-TPMS

NEW-GENERATION HANDHELD TPMS SERVICE TOOL



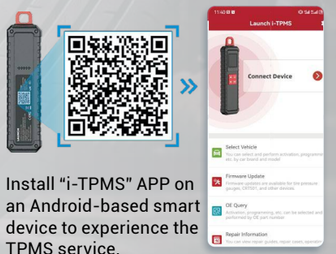
BIND WITH AN X-431 SCANNER
- ☑ Activation
- ☑ Programming
- ☑ Relearn
- ☑ Diagnose



STANDALONE USAGE WITH THE APP
- ☑ Activation
- ☑ Programming
- ☑ Copy TPMS Sensors ID







Install "i-TPMS" APP on an Android-based smart device to experience the TPMS service.

99%
VEHICLE COVERAGE
With A Tire-pressure System

315/433 MHZ
SENSORS
100% Activated

+∞
UNLIMITED REPROGRAMMING
LAUNCH Sensors Only

GET SENSOR IDS

with the Original Sensor ID
- Manual Creation
- Copy by OBD
- Copy by Activation
- Read ECU ID

with A New Sensor ID
- Automatic Creation with A New Sensor ID
- (The "Relearn" procedure is necessary.)

SPECIFICATION

DISPLAY	1.77'', 168*128
BATTERY	2000mAh
OBDII INPUT VOLTAGE	9V~18V
DC INPUT VOLTAGE	DC 5V
WORKING CURRENT	≤1A
WORKING TEMPERATURE	-10°C ~50°C
STORAGE TEMPERATURE	-20°C ~60°C
DIMENSION	252*54*30 (mm)

LAUNCH TSENSOR-7S



Adjustable angle

Aluminum alloy valve



The TPMS service tool can write the OE ID into LAUNCH TSENSOR for unlimited times.

- Unlimited programming for LAUNCH sensors
  (Unable to program OE sensors)
- Allow to create multiple sensors
  LAUNCH TSENSOR-07(Up to 4 sensors a time)

Cover 99% Vehicle with TPMS-equipped System

2-in-1 Design 315MHz+433MHz

100% Replacement OE Sensors on the Market

High-precision Air Valve Against Air Leakage for Stable Performance

- Activate
- Program
- Relearn



TPMS: V10.54 or above
Main APP: V1.25 or above



V1.50 or above

SPECIFICATION

PROGRAMMING TIME	About 25s per sensor
BATTERY LIFE	4~5 years / 100,000 km
BATTERY CAPACITY	345 mAh
OPERATING TEMPERATURE	-40°C ~ 125°C
STORAGE TEMPERATURE	-40°C ~ 125°C
OPERATING HUMIDITY	≤ 90%
TRANSMISSION POWER	5~8 dBm
DIMENSIONS	Approx. 72*51*27 mm
SIMULTANEOUS PROGRAMMING NUMBERS	4
OPERATING FREQUENCY	433MHz / 315MHz
PRESSURE MONITORING RANGE	0~800 kPa
PRESSURE READING ACCURACY	±10 kPa
TEMPERATURE READING ACCURACY	±5°C
ACCELERATION (G) SENSOR READING ACCURACY	±15%
WEIGHT	< 35 g
IP RATING	IP67

LAUNCH TSENSOR-B

TESLA-READY & REPROGRAMMING-FREE





15°
adjustable-angle

SUPPORTED PART NUMBERS & MODELS

- 1490701-00-B
- 1490701-01-B
- 1490701-01-C
- 1490701-01-D

- Tesla Model 3: January 2020 to present
- Tesla Model S: June 2021 to present
- Tesla Model X: January 2021 to present
- Tesla Model Y: October 2020 to present

SPECIFICATION

BATTERY LIFE	4-5 years (100,000 kilometers)
WORKING TEMPERATURE	-40~105°C
STORAGE TEMPERATURE	-40~105°C
TEMPERATURE MONITORING ACCURACY	±3°C
VOLTAGE READING ACCURACY	0.2V
WORKING FREQUENCY	2.4GHz
TRANSMISSION FREQUENCY	4-6dBm
PRESSURE MONITORING RANGE	0~800kpa
PRESSURE READING ACCURACY	±10kPa
WATERPROOF/DUSTPROOF	IP-67 rated
ACTIVATION DISTANCE	>85cm

Tread Master 2.0

TIRE HEALTH IN AN INSTANT

0.1MM
Measurement Accuracy

<3S
Read Tire Data

1-STEP
All Groove Depth Done

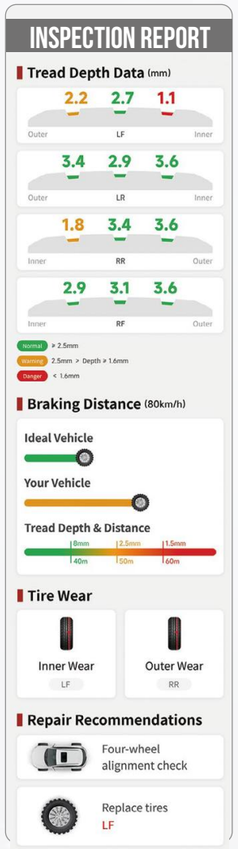
QR CODE
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Full Tread Detection

Single Groove Detection



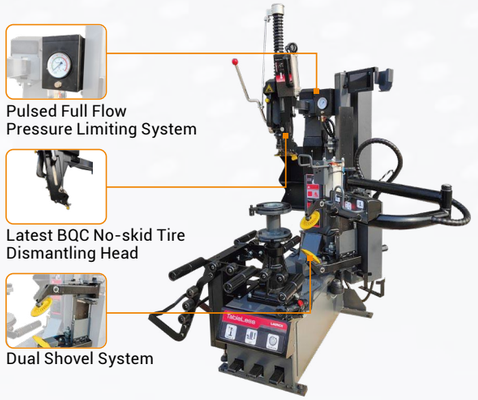


SPECIFICATION

CPU	RK3326
SCREEN	3.97" LCD touch screen, 480×800
STORAGE	2GB + 32GB
MEASURING CAMERA	2MP
PHOTOGRAPHY CAMERA	8MP
MEASUREMENT ACCURACY	0.1mm
MAXIMUM MEASURED WIDTH	180mm
BATTERY	5000mAh/3.7V
COMMUNICATION MODE	2.4GHz/5GHz Wireless Communication
CHARGING INPUT	DC 5V/2A
OPERATING TEMPERATURE	0~45° C
STORAGE TEMPERATURE	-20~60° C

TWC-921

COLUMN SWIVEL SIDE SWING LEVERLESS TIRE CHANGER



Pulsed Full Flow Pressure Limiting System

Latest BQC No-skid Tire Dismantling Head

Dual Shovel System

- 185mm Dual Air Cylinder
- 220V Intelligent Servo Motor
- Manual Press Bar
- Double-Lock Square Bar
- Pull-Type Pedal Valve
- Tire Lifting Device
- Standard LCD System
- Supports reverse/no-center-hole positioning & light trucks.

SPECIFICATION

VOLTAGE	220V
POWER	1.5kW
ROTATION	1~13rpm
PRESSURE	0.8~1.0Mpa
NET WEIGHT	785kg

TYRE WIDTH	15"
MAX. TYRE DIA	1100mm
MAX. WHEEL WEIGHT	65kg
CLAMPING SIZE	13"~26"
BEAD BREAKER FORCE	2500kg

KWB-921

FULLY AUTOMATIC INTELLIGENT WHEEL BALANCER



Passenger Cars

Light Duty

Medium Duty

Heavy Duty

- Fully automatic intelligent balancing machine
- Multiple balancing modes (OPT, SPO)
- HD LCD, 3D animation guidance
- One-touch operation and no training required
- 512-tooth phase detection
- Variable frequency drive control
- Spindle lighting, laser indicators
- Pneumatic spindle locking
- Electronic sensing gauge
- Injection-molded weight cover
- Wheel protection cover, sonic measuring gauge

SPECIFICATION

RIM DIAMETER	10~30"
TIRE WIDTH	1.2~20"
TIRE DIAMETER	1050 mm
BALANCING PRECISION	±1g
BALANCING CYCLE	7s

NOISE	<70db
VOLTAGE	220 V
MOTOR POWER	0.25 kW
GROSS WEIGHT/NET WEIGHT	235 kg/204 kg

TWC-621 V2

AUTOMOBILE TIRE CHANGER



- Servo motor with higher precision and stability.
- Upgraded to a vertical-lifting column.
- Compatible with tires up to 13 inches.
- Adjustable and disassemble power assist arm.
- Self-centering four-jaw turntable with adjustable jaws.
- The dual-press bars and triple-press-point design.
- Change flat tire without hurting the rims and tires.
- Ideal for workshops handling run-flat & low-profile tires.

SPECIFICATION

VOLTAGE	220V
MAX WHEEL DIAMETER	1050mm
WORKING PRESSURE	0.8~1MPa
PACKAGE SIZE	1150*1000*1810 (mm)
MAX.RIM DIAMETER	9~24"
MAX WHEEL WIDTH	13" (335mm)
40 HQ CONTAINER	22 sets
REVOLUTION	6.8/6.8~13.6rpm
G.W/N.W	419/352kg

KWB-621 V2

AUTOMATIC POSITIONING WHEEL BALANCER



SERVICE STATION GARAGES TYRE SHOPS CAR DEALERSHIPS

- Fully Automatic Positioning
- Obtain Data Automatically with Sonar Technology
- Wheel Width Measurement by Smart Sonar
- Variable frequency balanced speed
- Laser Positioning of Adhesive Weights
- Automatic Measure Some Parameters

SPECIFICATION

VOLTAGE	220V
RIM DIAMETER	12~24"
MAX RIM WIDTH	1.5~22"
REVOLUTION	180rpm
40 HQ CONTAINER	72 sets

MAIN SHAFT DIAMETER	40mm
MAX WHEEL DIAMETER	800mm
BALANCE CYCLE	10s
MAX WHEEL WEIGHT	65kg
PACKAGE SIZE	950*750*1160 (mm)

ULTRA-THIN
ACCURATE INSIDE VIEWING
EASY-TO-USE

DETECT THE PRECISE DETAILS OF THE VEHICLES

VSP-828

PORTABLE VIDEOSCOPE

3X
Magnification

4-GEAR
LED Light Adjustment

4
Directions in Rotating Images





Rotating Lens Version
(180 degree rotation in two directions)
6.2mm
*Can be purchased seperately.



Dual-Lens Version
(Switch between front and side)
5.5mm



Standard Version
(Single direction)
5.5mm

USAGE SCENARIO

Equipped with flashlight assistance and high-temperature alarm functions, the VSP-828 is designed for accessing areas like evaporation boxes and combustion chambers, supporting picture-taking and audio/video recording.

SPECIFICATION

LENS	IMAGE SENSOR	1/9" CMOS720PHD
	FRAME RATE	30
	DIAMETER	5.5mm single lens tube/5.5mm dual lens tube/6.2mm rotating lens tube available
	IMAGING FOCAL LENGTH	>5.5mm
	BEST IMAGING DISTANCE	3-8cm
	TUBE LENGTH	1m (3m or 5m can be customized)
DISPLAY SCREEN		TFT display screen
DISPLAY PIXELS		1280*720
POWER SUPPLY		Built-in 18650 Lithium battery, 3.7V
STORAGE		4GB(extended to 32GB)
IMAGE MODES		Black-and-white & color

BATTERY TESTERS

PLUG-AND-PLAY FOR BATTERY-POWERED VEHICLES



BST-560S



BST-860S

- BATTERY TEST
- VOLTAGE TEST
- RIPPLE DETECTION
- CHARGING SYSTEM TEST
- STARTER TEST
- ELECTRIC CURRENT TEST

10 BATTERY STANDARDS

CCA | BCI | CA | MCA | JIS | DIN | IEC | EN | SAE | GB

APPLICABLE BATTERY TYPES

Lead-acid | Gel | AGM | EFB | Lithium

SPECIFICATION

DISPLAY	2.4"TFT LCD display with backlight	
BATTERY RANGE	12V/24V	
WORKING TEMPERATURE	-18~60° C	
TEST CABLE	25.98" irreplacable test cable	
CASE MATERIAL	ABS acid-proof plastic, industrial case design	
	BST-560S	BST-860S
DIMENSION	155*85*32 (mm)	195*100*40 (mm)
WEIGHT	315g	462g

MTM-100

MULTI-FUNCTIONAL AUTOMOBILE MULTIMETER



ENGINE RPM 2STR/4STR

DWELL ANGLE 1-8CYL

PULSE WIDTH

LOW-PASS FILTERING (VFV)

TEMPERATURE MEASUREMENT

12V BATTERY TEST

SPECIFICATION

DC VOLTAGE	600mV/6V/60V/600V/1000V ± (0.5%+3)
AC VOLTAGE	6V/60V/600V/1000V ± (0.8%+3)
AC CURRENT	6mA/60mA/600mA/10A (20A for 10s max) ± (1.0%+8)
DC CURRENT	6mA/60mA/600mA/10A (20A for 10s max) ± (0.8%+8)
RESISTANCE	600Ω/6KΩ/60KΩ/600KΩ/6MΩ/60MΩ ± (0.8%+3)
CAPACITANCE	6nF/60nF/600nF/6uF/60uF/600uF/6mF/60mF/100mF ± (3%+10)
FREQUENCY	10Hz~10MHz ± (0.1%+5)
PULSE WIDTH 999.9MS	± (1.5%+10)
DISPLAY COUNT	6000
POWER	AAA 1.5V *2

PFP-150

PROGRAMMING FLASH POWER



- **Smart Battery Maintenance**
  automatic detection, charging, and repair based on battery health status
- **Engine Start & Pulse Charging**
  supports vehicle starting with both in-vehicle and external pulse charging modes
- **Adjustable Voltage & Current**
  independently adjustable settings for different battery types
- **Multi-Type Battery Support**
  compatible with Lead-acid, EFB, AGM, GEL, LFP, and NCM batteries
- **All-in-One Working Modes**
  includes charging, repair, showroom mode, power supply programming, and engine start
- **Automatic Battery Repair**
  detects, charges, and restores various battery types efficiently
- **Comprehensive Safety Protection**
  includes reverse polarity, overcharge, overheating, short circuit, and no-battery connection protection

SPECIFICATION

INPUT VOLTAGE	AC220 50/60Hz
POWER	1800W
MAX.CURRENT	150A
CHARGING VOLTAGE	12V
PROGRAMMING MODE	10V~14.8V
MAH	10~1800Ah
DIMENSION	44*41*14cm
WEIGHT	9Kg

TWT-100

HIGH QUALITY TOOL TROLLEY



WITH A TOOL TROLLEY IN HAND, ALL SET!

TTH-338

338PCS MECHANICS TOOLS CART KIT





31PCS WRENCH TOOL SET



17PCS PLIERS & SCREWDRIVER TOOL SET



17PCS REPAIR TOOL SET



102PCS 1/2" RATCHET SOCKET TOOL SET



167PCS 1/4" + 3/8" RATCHET SOCKET TOOL SET

ADD-ON ITEMS

1 piece: 5" integrated joint blowing dust gun

1 piece: Fixed magnetic pick-up tool, 3.5 kg/650 mm

4 pieces: T-shaped socket wrench, 8/10/12/14mm

WARRANTY

Non-hammering and non-cutting manual tools are covered by warranty and maintenance services.

ECONOMICAL
LUXURIOUS
AUTOMATIC

INTERNATIONAL STANDARD LIFTS COLLECTION

TWO-POST LIFT

115% Dynamic Loading Test | **150%** Static Loading Test



TLT235SB/240SB



TLT235SC/240SC



TLT240SC New Version
Comes with an integrated column design.

- Bilateral Manual Safety Unlocking System
- Wire Rope Equalization System
- Double Hydraulic Cylinders & High Strength Chain Drive
- 24V Low Voltage Control Box

- Bilateral Manual Safety Unlocking System
- Wire Rope Equalization System
- Double Hydraulic Cylinders & High Strength Chain Drive 24V Low Voltage Control Box

CONFIGURATION

		BASIC	CE STANDARD
SWING ARM	2 stage (800~1200)*4	●	●
UNLOCKING SYSTEM	Bilateral manual pull	●	●
POWER UNIT	Domestic (Underneath) 2.2kW 10L	●	●
CONTROL BOX	Electric control box		●
LIFTING PAD	Double screws lifting pad	●	●
SAFETY DEVICE	Cylinder travel limit module, button box, Anti-explosion valve, guardrail		●
COLOR	Launch red, Launch grey, Volkswagen blue, Hyundai blue, GM blue (Buick blue)	●	●
WARRANTY	1 year	●	●

OPTIONAL PARTS

90mm square low lifting tray accessory (adjustment range:25-90mm)	
Extension sleeve 90/125/140mm	

SPECIFICATION

	TLT235SB	TLT240SB	TLT235SC	TLT240SC
CAPACITY (KG)	3500	4000	3500	4000
LIFTING HEIGHT (MM)	1920	1920	1920	1920
INITIAL HEIGHT (MM)	110	110	110	110
LIFTING TIME (S)	≤55	≤55	≤55	≤55
LOWERING TIME (S)	≥20 ≤40	≥20 ≤40	≥20 ≤40	≥20 ≤40
PASSING WIDTH FOR SYMMETRIC INSTALLATION (MM)	2486	2486	2436	2486
PASSING WIDTH FOR ASYMMETRIC INSTALLATION (MM)	-	-	2390	2415
OVERALL WIDTH FOR SYMMETRIC INSTALLATION (MM)	3370	3370	3400	3420
OVERALL WIDTH FOR ASYMMETRIC INSTALLATION (MM)	-	-	3551	3563
OVERALL HEIGHT (MM)	2860	2860	3840	3840
MOTOR POWER (KW)	2.2	2.2	2.2	2.2
MOTOR VOLTAGE	3 phase/380V or single phase/220V			
WORKING NOISE (DB(A)	≤75dB	≤75dB	≤75dB	≤75dB
WORKING OIL PRESSURE (MPA)	16	18	16	18

TLT240SCA



115%
Dynamic Loading Test

150%
Static Loading Test

- Patented Slider Bracket Design
- Fully Automatic Safety Unlocking System
- Wire Rope Equalization System
- Double Hydraulic Cylinders & High Strength Chain Drive
- 24V Low Voltage Control Box
- 24V Cylinder Travel Limit Switch

- Emergency Lowering Valve
- Anti-explosion Valve
- CE-STOP with Safety Alarm Beep
- Door Rubber Pad & Lifting Pads
- SC Models with Symmetric/Asymmetric
- Installations Options

CONFIGURATION

		CE STANDARD
SWING ARM	2 stage(800~1200)*4	●
UNLOCKING SYSTEM	Full automatic	●
POWER UNIT	Domestic(Underneath) 2.2kW 10L	●
CONTROL BOX	Full electronic control system	●
LIFTING PAD	Double screws lifting pad	●
SAFETY DEVICE	CE-STOP, Cylinder travel limit module, Anti-explosion valve, Emergency lowering valve	●
COLOR	Launch red, Launch grey, Volkswagen blue, Hyundai blue, GM blue(Buick blue)	●
WARRANTY	1 year	●

OPTIONAL PARTS

90mm square low lifting tray accessory (adjustment range: 25-90mm)	
Extension sleeve 90/125/140mm	
Asymmetric arm assembly 2stage (855-1365)*2 3stage (580-1120)*2	

SPECIFICATION

WORKING TEMPERATURE	-5°C~+40°C
RELATIVE HUMIDITY	+30°C, relative humidity 80%
STORAGE TEMPERATURE	-5°C~+40°C
HEIGHT ABOVE SEALEVEL	No more than 2000m
RATED LOAD	4000kg
LIFTING HEIGHT	1920mm
INITIAL HEIGHT	110mm
LIFTING TIME	≤55s
LOWERING TIME	≥20s ≤40s
OVERALL HEIGHT	3840mm
MOTOR POWER	2.2kw

PASSING WIDTH (SYMMETRIC INSTALLATION)	2486mm
OVERALL WIDTH (SYMMETRIC INSTALLATION)	3420mm
PASSING WIDTH ASYMMETRIC INSTALLATION	2415mm
OVERALL WIDTH ASYMMETRIC INSTALLATION	3563mm
MOTOR (optional) VOLTAGE According to client' s requirement	Single phase: 110V/60Hz 2.2kW; 220V/50Hz 2.2kW Single phase: 200V/60Hz 2.2 kW Three phase: 380V/50Hz 2.2 kW
WORKING NOISE	≤75dB(A)
WORKING OIL PRESSURE	18MPa

TLT440W



- Rolling Jack with Small Scissor
- Hydraulic Cylinder & Steel Cable Synchronization
- Full-scope Mechanical Safety Locking by Latch
- Two-layer Concealed Plate Structure
- Front Wheel Turn Plate Position Adjustable
- Rear Wheel Sliding Plate Extendable
- Distance between Platforms Adjustable
- Wheel Base in Certain Scope Adjustable
- Cable Rupture Safety System
- 24V Cylinder Travel Limit Switch
- Electric Controlled Lifting and Lowering
- Suitable for Vehicles with Varying Wheelbases
- Positioning Levels Accuracy Adjustable

CONFIGURATION

		BASIC	CE STANDARD
DRIVE ON RAMP ASSEMBLY	508*1060mm	●	●
UNLOCKING SYSTEM	Manual lowering device	●	●
POWER UNIT	Domestic 2.2kW 12L	●	●
SECONDARY LIFT	2 ton	●	●
TURNTABLE		●	●
SIDE SLIP PLATE		●	●
SAFETY DEVICE	Control box, cylinder limit device, Emergency lowering device, CE-STOP, loose rope forced balance system		●
COLOR	Launch red, Launch grey, Volkswagen blue, Hyundai blue, GM blue(Buick blue)	●	●
WARRANTY	1 year	●	●

SPECIFICATION

RATED LOAD	4000kg
LIFTING HEIGHT	1850mm
INITIAL HEIGH	220mm
LIFTING TIME	≤60S
OWERING TIME	≥20s ≤40s
MAX DRIVE-ON WIDTH	3045mm
PLATFORM LENGTH	4240mm
PLATFORM WIDTH	500mm

OVERALL WIDTH	3445mm
OVERALL HEIGHT	2172mm
MOTOR POWER	2.2kW
MOTOR VOLTAGE	3 phase/380V or Single phase/220V
WORKING NOISE	≤75dB(A)
WORKING OIL PRESSURE	20MPa

SECONDARY LIFT	
PLATFORM LENGTH	915~1450mm
PLATFORM WIDTH	215mm
LIFTING TIME	45S
RATED LOAD	2000kg
LIFTING HEIGHT	450mm
WORKING NOISE	≤70dB(A)
WORKING OIL PRESSURE	16MPa
WORKING AIR PRESSURE	0.5~0.7MPa

TLT635AF



115MM
Min. Height

120%
Dynamic Loading Test

150%
Static Loading Test

- Space-saving Style
- Hidden Scissor Structure
- Ground Type Installation
- Approach Bridge as Platform Extension
- Double Oil Cylinders Running Synchronously
- 24V Safety Voltage Control System
- 24V Limit Switch

SAFETY DEVICES

- Anti-presser Foot Device 40cm above the Ground
- Pneumatic Safety Lock

SPECIFICATION

CPU	RK3326
SCREEN	3.97"LCD touch screen, 480×800
STORAGE	2GB + 32GB
MEASURING CAMERA	2MP
PHOTOGRAPHY CAMERA	8MP
MEASUREMENT ACCURACY	0.1mm
MAXIMUM MEASURED WIDTH	180mm
BATTERY	5000mAh/3.7V
COMMUNICATION MODE	2.4GHz/5GHz Wireless Communication
CHARGING INPUT	DC 5V/2A
OPERATING TEMPERATURE	0~45° C
STORAGE TEMPERATURE	-20~60° C

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