NWE
National Workshop Equipment

Specifications **IMMO PRO**

COMPLETE KEY PROGRAMMING & DIAGNOSTIC SOLUTION

X-431 IMMO PRO is a latest new product line scan tool from the Key & IMMO Programmer family for car security and immobilizer systems, featuring complete IMMO & Programming services and intelligent diagnostics (basic diagnostic functions included).

BASIC VEHICLE DIAGNOSTICS

COMPREHENSIVE OBDII DIAGNOSTICS

39 SERVICE FUNCTIONS

ADVANCED ANTI-THEFT FUNCTIONS

SMART KEY PROGRAMMING

INTELLIGENT DIAGNOSTICS
ALL SYSTEMS OE-LEVEL DIAGNOSTICS

IMMO & KEY PROGRAMMING
ADVANCED CODING AND PROGRAMMING

39 SERVICE FUNCTIONS
MORE COVERAGE VIA MALL

FEATURES

- Advanced ECU cloning included and supports ECU for BOSCH, SIEMENS, CONTINENTAL, ZF, GETRAG, TEMIC, etc.
- Complete IMMO & Programming service works with the "IMMO" software for 50+ makes and the "IMMO PROG" software for 1000+ MCU/ECU models & 1000+ EEPROM models.
- IMMO functions include Key Matching, Anti-theft Modules Replacement, ECU reading & writing, ECU coding & programming, etc.
- A vast range of vehicle coverage for U.S., Asian and European markets over 110 brands. The vehicle coverage is continuously updating to cover more.
- Basic local diagnostics include OBD II full functions, basic diagnostic functions (read/ clear DTCs, live data streaming, etc), Bi-directional control, tech-to-tech remote diagnosis, live data streaming, etc.
- CANFD and DoIP* communication protocols are supported with DBSCar VII.
- One-stop Info Center includes vehicle repair information and the latest updates.
- Review the previous diagnostic reports by tapping the menu of the Diagnostic History.
- Complete TPMS service is optional by pairing with a X-431 TSGUN tool.

* Need an extra DoIP cable.

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Specifications

PRO SE

INTELLIGENT DIAGNOSTICS

Faster / Smarter / Powerful

39 SERVICE FUNCTIONS

- Brake Reset
- Oil Maintenance Reset
- Steering Angle Reset
- Battery Matching
- Electric Throttle Relearn
- TPMS Reset Database
- DPF Regen
- ABS Bleeding
- Tire Reset
- FRM Reset
- AdBlue Reset
- Air | Fuel Reset
- Air Level Calibration
- Coolant Bleed
- EGR Adaption
- Language Change
- Sunroof Reset
- Gearbox Relearn
- Transport Mode
- Rainfall Light Sensor
- IMMO Program
- Immobilizer Reset
- Injector Coding
- Intelligent Cruise Control System
- Motor Angle Calibration
- Nox Sensor Reset
- Seat Occupancy Calibration
- Stop/Start Reset
- Windows Calibration
- ECU Reset
- Clutch Matching
- Turbocharging Matching
- Gateway Module Data Calibration
- Adaptive Front Lighting
- Gas Particulate Filter Regeneration
- Engine Power Balance Monitoring
- High-Voltage Battery Diagnostics
- AC System Relearn/ Initialization
- Crank Position Sensor Adaptive Learning

ADD-ON MODULES

VSP-600

S2-2 Sensorbox

O2-2 Scopebox

X-431 TSGUN

Wi-Fi Printer

BST360 Bluetooth Battery Tester

SPECIFICATION

ITEM	X-431 IMMO PAD	X-431 IMMO PRO
OS	Android 7.1	Android 10.0
DISPLAY	10.1", 1920*1200	8", 1280*800
CPU	2.0GHz, Octa-Core	2.0GHz, Quad-Core
RAM	4GB	4GB
STORAGE	64GB	64GB
BATTERY	35.57Wh (3.8V,9360mAh)	47.88Wh (7.6V,6300mAh)
CAMERA	Front 8MP, Rear 13MP	Rear 8MP
WI-FI	2.4GHz/5GHz	2.4GHz/5GHz
DIMENSION	320*211*46(mm)	234*166*39.5(mm)
INTERFACE	TYPE A*1 & TYPE C*1	TYPE A*1 & TYPE C*1