UDIAG®
Pioneering Automotive Tools

UDIAG®

Diagnosis Battery Pack Diagnosis On-line Programming

Maintenance Module Coverage List Reports & Records

Remote Assistance Repair Info. Feedback Personal Center

PIONEERING
AUTOMOTIVE
TOOLS

www.udiagtech.com

UDIAG TECH CO., LTD.

📞 +86 755 2906 6687

📍 6TH FLOOR, BUILDING 39, CAOWEI INDUSTRIAL AREA, HANGCHENG STREET, BAO'AN DISTRICT, SHENZHEN

✉ SALES@UDIAGTECH.COM

🌐 www.udiagtech.com

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X-95 PRO

POWERFUL | SMART | ACCURATE

X-95 PRO is a high-end, comprehensive OE-level car diagnostic scanner. It supports full-system full-function diagnosis for over 120 passenger vehicles, as well as optional diagnostics for EV vehicles and Heavy-Duty vehicles. The scanner is compatible with both DoIP and J2534, facilitating advanced online programming functions. The optimized user interface ensures ease of operation for higher performance, while the expanded ADAS, TPMS and other functions provide workshops with enhanced profitability.

Diagnosis | Battery Pack Diagnosis | On-line Programming
Maintenance | Module | Coverage List | Reports & Records
Remote Assistance | Repair Info. | Feedback | Personal Center

10.1" SCREEN

WiFi | Bluetooth/ WiFi VCI | 12 Hrs lasting battery | Auto VIN recognition | Android | Quad-core | 1280x800 IPS LCD | Rapid boot up | Solid state drive

SPECIAL FUNCTION

ABS Bleed | AJUSTE | Head Light | Airbag | AT Adaption | BRT | Change Tire | Clutch Adaptation | Change Language | GPF

EGR Reset | EPB | EVAP Test | Gear Box | Gear Learn | Immobilizer | Injector Coding | Odometer | Oil Reset | DPF

Steering Angle | Seat Match | Suspension | Sun Roof | TCM Oil Reset | TPMS | Throttle Reset | Turbo | ECU Reset

FEATURES

➤ Equipped with an Android 10 multitasking operating system and a 10.1-inch HD touch screen.

➤ With built-in 4-core MT8766 high-performance processor, 4GB+128GB memory, 13MP rear camera with flash light, support dual WiFi communication for faster diagnostics.

➤ Support diagnostics for over 120 passenger vehicles, as well as optional diagnostics for 70+ EV vehicles and 150+ Heavy-Duty vehicles.

➤ Support OE-level full system diagnostic functions, including intelligent all-system scan, special function, actuation test, coding and online programming functions, etc.

➤ Work on CANFD, DoIP, J2534 protocols for high-end diagnosis.

➤ Support powerful online programming functions for many different vehicles, including Audi, BMW, Land Rover, Mercedes-Benz, Nissan, Porsche, Seat, Skoda, Subaru, VW and more.

➤ Support extra functional modules such as Video Scope, Oscilloscope box, TPMS tools, ADAS accessories, etc.

➤ Support 41 maintenance functions and resets, such as AF Reset, FRM Matching, Windows Calibration, Tyre Reset, Transport Mode, Odometer, Sus Reset, Sun Roof, Stop/ Start Reset, Seats Calibration and more.

➤ Support topology mapping and smart navigation for easy diagnostic operation.

SPECIFICATION

Operating System	Android 10
Display	10.1" Touch Screen, 1280*800
Processor	Cortex-A53, 2.0GHZ
Memory	4GB RAM & 128GB ROM
Charger	5V/2.5A (with US, EU, and UK plugs)
Camera	13MP Rear Camera
Bluetooth	BT 5.1
Battery	3.8V, 12600mAh
Operating Temperature	-10 to 50°C (14 to 131°F)

PACKING LIST

Diagnostic Tablet	×1	USB Charging Cable	×1
VCI	×1	USB C to B Programming Cable	×1
Diagnostic Cable	×1	Gigabit Ethernet Cable	×1
Power Adapter & Plugs	×1	User Manual	×1
Carrying Case	×1		

X-50
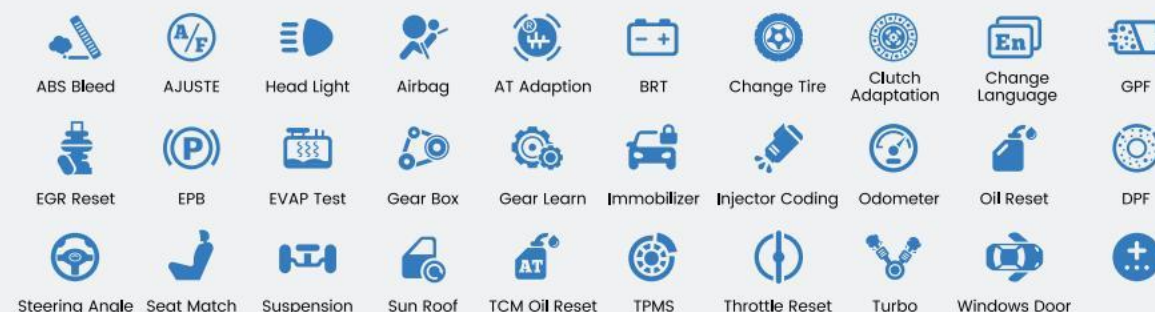
ADVANCED | POWERFUL | ACCURATE

X-50 featuring multitasking Android operating system, 7-inch LCD touchscreen, fast quad-core processor, extensive coverage and OE-level diagnosis, is built for maximum convenience and efficiency during diagnosis and service work. The X-50 features a rechargeable Lithium battery providing 35 hours of continuous use.

UDIAG®

Diagnostic | Maintenance | Update
VCI Management | About | Main Functions

7.0" SCREEN

WiFi | Bluetooth VCI | 35 Hrs lasting battery | Auto VIN recognition | Android | One click update | 7" Touch screen | 30 Sec boot up | Solid state drive | 7200mAh Battery | 72G Memory

SPECIAL FUNCTION

ABS Bleed	AJUSTE	Head Light	Airbag	AT Adaption	BRT	Change Tire	Clutch Adaptation	Change Language	GPF
EGR Reset	EPB	EVAP Test	Gear Box	Gear Learn	Immobilizer	Injector Coding	Odometer	Oil Reset	DPF
Steering Angle	Seat Match	Suspension	Sun Roof	TCM Oil Reset	TPMS	Throttle Reset	Turbo	Windows Door	

FEATURES

➤ X-50 featuring the powerful processor and 7.0 inch LCD capacitive touchscreen, based on the Android multitasking operating system, and combined with the ability to quickly read and clear DTCs for all available modules of over 100 American, European and Asian vehicle makes.

➤ Full system diagnostic with read/erase codes, view freeze frame and live data, perform active test (bi-directional controls), coding and adaptations.

➤ Professional in immobilizer and odometer.

➤ Hot service functions performing 40+ resets, such as AT adaption, Airbag, AFS, injector coding, odometer, immobilizer, etc.

➤ Automatic VIN identification for easy vehicle communication.

➤ Work on CANFD, DoIP protocol diagnosis.

➤ Wireless Bluetooth vehicle communication interface supporting.

➤ Built-in rechargeable lithium-polymer battery for up to 35 hours of continuous operation.

SPECIFICATION

Operating System	Android
Display	7.0 inch IPS Touch Screen
Processor	Cortex-A7, 1.4GHz
Memory	1GB RAM & 72GB ROM
Input Voltage	DC/12 V
Operating Temperature	-10 to 50°C (14 to 131°F)
Battery	7200mAh

PACKING LIST

Diagnostic Tablet	×1	User Manual	×1
VCI	×1	Carrying Case	×1
Power Adapter & Cable	×1		

X-30

PROFESSIONAL ANALYSIS DIAGNOSTIC TOOL

X-30 is based on Android operating system with 7-inch LCD touchscreen and 35 hours of continuous battery. It inherits the same advantages in car fault diagnostic tech, such as most car makes coverage,40+ service functions and accurate test data. making it the perfect tool for garages or workshops.

7.0" SCREEN

WiFi | Bluetooth VCI | 35 Hrs lasting battery | Auto VIN recognition | Android | One click update | 7" Touch screen | 30 Sec boot up | Solid state drive | 7200mAh Battery | 72G Memory

SPECIAL FUNCTION

ABS Bleed	AJUSTE	Head Light	Airbag	AT Adaption	BRT	Change Tire	Clutch Adaptation	Change Language	GPF
EGR Reset	EPB	EVAP Test	Gear Box	Gear Learn	Immobilizer	Injector Coding	Odometer	Oil Reset	DPF
Steering Angle	Seat Match	Suspension	Sun Roof	TCM Oil Reset	TPMS	Throttle Reset	Turbo	Windows Door	

FEATURES

- Extensive vehicle coverage for more than 100 American, European and Asian vehicle makes.
- Hot service functions performing 40+,resets such as AT adaption, AFS, injector coding, odometer, immobilizer etc.
- Work on CANFD, DoIP protocol diagnosis.
- Support all system diagnostic with read/erase codes, view freeze frame, live data and ECU information.
- Professional in immobilizer and odometer.

- Feature auto VIN scan function to identify vehicles and scan all the diagnosable ECUs and run diagnostics on the selected system.
- With complete OBD2 capabilities, X-30 is capable of performing all 10 modes of OBD2 tests.
- Wireless Bluetooth vehicle communication interface supporting.
- Built-in rechargeable lithium-polymer battery for up to 35 hours of continuous operation.

SPECIFICATION

Operating System	Android
Display	7.0 inch IPS Touch Screen
Processor	Cortex-A7, 1.4GHz
Memory	1GB RAM & 72GB ROM
Input Voltage	DC/12 V
Operating Temperature	-10 to 50°C (14 to 131°F)
Battery	7200mAh

PACKING LIST

Diagnostic Tablet	×1	User Manual	×1
VCI	×1	Carrying Case	×1
Power Adapter & Cable	×1		

X-20

INTELLIGENT TPMS SCAN TOOL

As new generation of TPMS servicing scan tool, X20 is a professional TPMS diagnostic and maintenance tool, combined with a wireless diagnostic scan tool for all available car system modules, incorporating 10 most useful service functions.

5.5" SCREEN

×4

WiFi	Bluetooth VCI	TPMS Tool	All System Diagnosis	Auto VIN recognition	Android 9.0
Quad-core	5.5"Touch screen	Fast boot up	Solid state drive	5000mAh Battery	

SPECIAL FUNCTION

ABS Bleed	BRT	Change Tire	Clutch Adaptation	TPMS
Injector Coding	EPB	Oil Reset	DPF	SAS

FEATURES

➤ Activating and decoding universal TPMS sensors
➤ Programming & activating UDIAG TPMS Sensors
➤ Diagnosing the original car TPMS system
➤ Supports OBDII 10 test modes.
➤ Supports wireless diagnostics on all available system modules, to read and clear codes, view freeze frame, check live data and ECU information, conduct actuation test, etc.
➤ Work on CAN FD and DoIP protocols
➤ Integrate the most useful 10 service functions
➤ Life-time free update

SPECIFICATION

Display	5.5" LCD Touch Screen
Working Temperature	-10 to 70℃
Storage Temperature	-20 to 80℃
Operation System	Android 9.0
RAM/ROM	2GB/32GB
Built-in Battery	5000 mAh
Dimensions	195*100*25mm (L*W*H)
Power	8 to 18 V provided via vehicle
Supported Protocols	CANFD, DOIP, ISO9141-2, ISO14230-2, ISO15765-4, K/L lines, Double K Line SAE-J1850 VPW, SAE- J1850PWM, CAN ISO 11898, Highspeed, Middlespeed, Lowspeed and Single wire CAN, KW81, KW82, GM UART, UART Echo Byte Protocol, Honda Diag-H Protocol.

PACKING LIST

Diagnostic Tablet	×1	User Manual	×1
VCI	×1	Warranty Card	×1
Power Adapter & Cable	×1	Gift Box	×1
TPMS Sensors	×4		

A550

ALL SYSTEM POWERFUL SCAN TOOL

A550 is one of the most advanced and multifunctional scan tools. It is specially designed for professional technicians and body shops to service automotive specialized systems, with the most car makes coverage and 37+ service functions, for simple and easy diagnostics.

4.3" SCREEN

ALL SYSTEM FULL FUNCTION DIAGNOSTIC TOOL

SPECIAL FUNCTION

ABS Bleed	AJUSTE	Head Light
Airbag	AT Adaption	BRT
Change Tire	Clutch Adaptation	Change Language
GPF	EGR Reset	EPB
EVAP Test	Gear Box	Gear Learn
Immobilizer	Injector Coding	Odometer
Oil Reset	DPF	Steering Angle
Seat Match	Suspension	Sun Roof
TCM Oil Reset	TPMS	Throttle Reset
Turbo	Windows Door	

FEATURES

➤ Provide professional diagnosis on over 100+ American, Asian and European vehide makes.

➤ All OBD II protocols, all 10 test modes and enhanced OBD II mode 6 support.

➤ Access all available modules for the best diagnosis operations.

➤ Read and clear trouble codes, display freeze frame data and live data stream, support active test, etc.

➤ Direct Access to 37+ required special function, such as oil service reset, ABS, EPB, airbag, AT adaption, injector coding, battery configuratuion, DPF, IMMO, gear learning, etc.

➤ Identifies the vehicle you are testing rapidly and accurately on the basis of its VIN number.

➤ It shows live vehicle sensors data in text and graph format and allows you to focus on any suspicious specific data.

➤ Displays 2 parameter graphs simultaneously and merge them into one coordinate.

➤ Print diagnostic reports via PC connection.

➤ Multilingual menu options— (18 languages).

SPECIFICATION

Display	4.3 inch Backlit, 480*272 TFT color screen
Operating Temperature	0 to 60ºC (32 to 140ºF)
Storage Temperature	-20 to 70ºC (-4 to 158ºF)
Power	8 to 18 V provided via vehicle
Protocols Supported	J1859-41.6, J1850-10.4, ISO9141, KWP2000 (ISO 14230) and CAN (Control Area Network ISO 11898)

PRODUCT DETAILS

Soft silicone buttons

47mm Ultra-thin body

Comfortable handheld design

A500

FULL SERVICE PROFESSIONAL SCAN TOOL

A500 is a professional level diagnostic handheld tool, which includes 37+ special functions and works on all systems of the most vehicle brands in the market. With the majority of special functions and complete basic functions, it can make the diagnosis faster and easier.

4.3 SCREEN

ALL SYSTEM MULTI FUNCTION SCAN TOOL

SPECIAL FUNCTION

ABS Bleed | AJUSTE | Head Light | Airbag | AT Adaption | BRT | Change Tire | Clutch Adaptation | Change Language | GPF

EGR Reset | EPB | EVAP Test | Gear Box | Gear Learn | Immobilizer | Injector Coding | Odometer | Oil Reset

FEATURES

- Cover more than 100 American, Asian and European vehicle makes.
- Work on all OBDII cars, SUVs, minivans, light-duty trucks sold worldwide, including the latest models on many makes.
- Read and erase diagnostic trouble codes (DTC's), read system information, displays freeze frame data and read live data.
- All OBD II protocols, all 10 test modes and enhanced OBD II mode 6 support.
- Support 37+ required special function, such as oil service reset, ABS, EPB, airbag, AT adaption,

- injector coding, battery configuration, DPF, IMMO, gear learning, etc.
- Identifies the vehicle you are testing rapidly and accurately on the basis of its VIN number.
- It shows live vehicle sensors data in text and graph format and allows you to focus on any suspicious specific data.
- 4.3 inch LCD color display, clearly arranged keys, menu driven operation, and shortcuts together make this device extremely easy to use.
- Its ruggedized design helps resist impact and damage in the tough workshop environment.

SPECIFICATION

Display	4.3 inch Backlit, 480*272 TFT color screen
Operating Temperature	0 to 60ºC (32 to 140ºF)
Storage Temperature	-20 to 70ºC (-4 to 158ºF)
Power	8 to 18 V provided via vehicle
Protocols Supported	J1859-41.6, J1850-10.4, ISO9141, KWP2000 (ISO 14230) and CAN (Control Area Network ISO 11898)

PRODUCT DETAILS

Soft silicone buttons

47mm Ultra-thin body

Comfortable handheld design

A300

FOUR SYSTEMS SCAN TOOL

A300 can access Engine, Transmission, ABS, and Airbag (SRS) systems for the best diagnosis operations. Loaded with main service functions in the market, such as oil service reset, EPB, TBA, SAS, TPMS and ABS Bleed, it utilizes a 4.3-inch LCD screen and hot keys to make the diagnosis faster and easier in workshops and garages.

4.3 SCREEN

SPECIAL FUNCTION

| Oil Service Reset | EPB | SAS | Throttle Reset | TPMS | ABS Bleed |

FEATURES

➤ Access to engine, transmission, ABS and airbag systems.
➤ Support 6 special functions, such as oil service reset, EPB, Throttle Reset, SAS, TPMS and ABS Bleed.
➤ Works on the latest 2023/2024 vehicle makes.
➤ Read and clear diagnostic trouble codes, retrieve vehicle information.
➤ Display freeze frame data, retrieve live data stream.
➤ All OBD II protocols, all 10 test modes and enhanced OBD II mode 6 support.
➤ Built-in DTC lookup.

➤ All the diagnostic result can be recorded in A300, which is for diagnostic history reviewing and for further identifying the vehicle's running conditions.
➤ The print data function allows to print DTC data recorded, so can show the diagnostic result to the technician straightforwardly.
➤ Multilingual menu options.

VEHICLE COVERAGE

Europe	ABARTH, ALFA ROMEO, ASTON MARTIN, AUDI, BENTLEY, BMW, BUGATTI, CITROEN, DACIA, FERRARI, FIAT, FORD EU, JAGUAR, LAMBORGHINI, LANCIA, LAND ROVER, MASERATI,MAYBACH, MERCEDES BENZ,MINI, OPEL, PEUGEOT, PORSCHE, RENAULT, ROLLS-ROYCE,SAAB,SEAT, SKODA, SMART, SPRINTER, VAUXHALL, VOLKSWAGEN, VOLKSWAGEN_CV, VOLVO
Asia	ACURA, DAEWOO, HONDA, HYUNDAI, INFINITI, ISUZU, KIA, LEXUS, MAZDA, MITSUBISHI, NISSAN, SCION, SUBARU, SUZUKI, SSANGYONG, TOYOTA
America	CHRYSLER, JEEP, FORD, LINCOLN, MERCURY, BUICK, CADILLAC, CHEVROLET, GMC
China	BORGWARD, BRILLIANCE, BYD, CHANGAN, CHANGHE, CHERY, DFXK, DFFG, EMGRAND, ENGLON, FAW, DAIHATSU, FOTON, GEELY, GLEAGLE, GREAT WALL, JAC, JOYLONG, HAFEI, KARRY, LANDWIND, LIFAN, MAPLE, MG, RELY, ROEWE, RIICH,TJFAW

SPECIFICATION

Display	4.3 inch Backlit, 480*272 TFT color screen
Operating Temperature	0 to 60ºC (32 to 140ºF)
Storage Temperature	-20 to 70ºC (-4 to 158ºF)
Power	8 to 18 V provided via vehicle
Protocols Supported	J1859-41.6, J1850-10.4, ISO9141, KWP2000 (ISO 14230) and CAN (Control Area Network ISO 11898)

PRODUCT DETAILS

Soft silicone buttons

47mm Ultra-thin body

Comfortable handheld design

A200

SINGLE CAR MAKE SCANNER

A200 is a multi-system single make scan tool. It delivers all system diagnosis for the selected car make and supports the full maintenance service functions.

ADVANCED MULTI FUNCTION SCANNER

FEATURES

- ➤ Work with the latest 2023/2024 cars.
- ➤ Get access to all electronic systems, such as powertrain, chassis, body systems, etc.
- ➤ Perform bi-directional component actuations.
- ➤ Support advanced functions such as adaptations and control module coding.
- ➤ Key coding for several vehicles.
- ➤ Retrieves ECU information.
- ➤ Read and erase codes.
- ➤ Display freeze frame data and live data.
- ➤ Records and playbacks data-logs.
- ➤ Available vehicles (single option): Ford, BMW, Mini, Rolls Royce, Chrysler, Fiat, Abarth, Alfa Romeo, Lancia, GM, Renault, Dacia, Ssang Yong, Mazda, Volvo, Ferrari, Peugeot, Audi, Bentley, Bugatti, Lamborghini, Seat, Skoda, VW, VW commercial, Mercedes Benz, Sprinter, Opel, Vauxhall, Honda, Hyundai, Kia, Porsche, Toyota, Lexus, Scion, Maserati, Citroen, Subaru, Jaguar, Land Rover.
- ➤ Support the most commonly required service features, like Injector coding, brake deactivation, oil service reset, SAS, DPF regeneration, Gear Learning, ABS bleeding, etc.
- ➤ Ergonomic design will help you feel more comfortable and convenient to use.

SPECIFICATION

Display	2.8 inch color screen
Working Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)
External Power	8-18 Volts powered by vehicle battery
Dimensions	150*95*30mm (L*W*H)
Power	8 to 18 V provided via vehicle
Supported Protocols	ISO9141-2, ISO14230-2, ISO15765-4, K/L lines, Double K Line SAE-J1850 VPW, SAE-J1850PWM, CAN ISO 11898, Highspeed, Middlespeed, Lowspeed and Single wire CAN, KW81, KW82, GM UART, UART Echo Byte Protocol, Honda Diag-H Protocol, TP2.0, TP1.6, SAE J1939, SAE J1939, SAE J1708, Fault-Tolerant CAN.

PRODUCT DETAILS

Ergonomics design

30mm Ultra-thin body

Comfortable handheld design

CD 200

VEHICLE CIRCUIT DETECTOR

The electrical system tester has been developed specifically for diagnosing circuits with a power supply of 6-40V.
The device is compact, user-friendly and offers powerful features,
including reverse polarity and overload protection,
which significantly improves the user's efficiency and productivity.

CD200
24.68v
Circuit Detector

PROFESSIONAL ELECTRICAL TESTER DETECTION TOOL IN WIDE APPLICATIONS

FEATURES

➤ Intelligent identification of voltage/resistance.
➤ Support 2 AAA-Battery power supply.
➤ Support all 6 to 40 V vehicle electrical systems.
➤ Support Voltage and Resistance Detection, Diode Detection, Polarity Detection, Component Activation, Continuity Test, Grounding Test, Trace and Locate Short Circuits, etc.
➤ Reverse polarity and overload protection.
➤ Silicone membrane buttons to enhance the feel.
➤ Maximum probe input voltage: 107V (optional up to 150V).

SPECIFICATION

Colors	Black (Customizable)
Working Voltage	6-40V
Working Temperature	(-0 to 60ºC)
Storage Temperature	(-40 to 70ºC)
Power Supply	12V/24V Vehicle Battery or 2 AAA Batteries.
Resistance Range	1 ohm - 100K ohm
Product Size	210*42*20mm
Packaging Size	25*9*5CM
Product Weight	328g (Including the Package)

PRODUCT DETAILS

Battery Power Clamp

Silicone Membrane Buttons

Sensitive Probe W Cap

CR800

ADVANCED OBDII CODE READER

CR800 is an enhanced universal OBDII scan tool with One-Click I/M Readiness Key. It supports all 10 modes of OBDII test for a complete diagnosis and with battery display function. Its excellent performance will help you check out the problem of engine light quickly.

『2.8』 SCREEN

OBDII CODE READER WITH BATTERY VOLTAGE TEST

FEATURES

- Work with most 1996 and newer (OBDII & CAN) vehicles, includes light-duty trucks, SUVs, minivans and hybrid.
- Red-Yellow-Green LEDs Indicating Monitor Status.
- Provide quick access to emissions readiness status, DTC information and erase function.
- Automatic VIN acquisition and decoding makes it much easier to read manufacturer specific codes.
- Test and display the voltage of battery.
- Support max. 4 graphic comparison of data stream.
- Memory backup for off-vehicle review.
- 2.8 inch high resolution color screen.
- Support print diagnosis report.
- Enhanced mode 6 functions, non-continuously monitored systems test results.
- Retrieve protocol, VIN, Cal ID and CVN identifiers from ECU.
- Read, records, graphs & playbacks real-time live data streams.
- Multilingual menu options.
- I/M, VIN and DTC Short-cut Keys for fast and efficient operation.

OBDII 10 MODES

Mode 1	Read Generic Data & Monitors	Mode 7	Read Pending Code
Mode 2	Display Freeze Frame Data	Mode 8	Bi-Directional Control of On-Board System
Mode 3	Read Trouble Codes (DTCs)	Mode 9	Vehicle Information- VIN, CALID & CVN
Mode 4	Clear Trouble Codes (DTCs)	Mode 10	Read Emission-related Permanent DTCs
Mode 5	Read Test Result of Oxygen Sensor		On-Board Monitor Test
Mode 6	Read Continuously & Non-Continuously Monitored System test Results		

SPECIFICATION

Display	2.8 inch LCD color screen
Working Temperature	0 to 60ºC (32 to 140ºF)
Storage Temperature	-20 to 70ºC (-4 to 158ºF)
External Power	8-18 Volts powered by vehicle battery
Dimensions	147*90*30mm
Supported Protocols	J1850-41.6, J1850-10.4, ISO9141, KWP2000 (ISO 14230), and CAN (Control Area Network ISO 11898)

PRODUCT DETAILS

Soft silicone buttons

30mm Ultra-thin body

Comfortable handheld design

CR 720

OBDII 10 MODES CODE READER

CR720 is a full function OBDII code reader, equipped with soft silicone buttons and interactive UI for fast operation with lower latency. It supports all 12V Battery Vehicles since 1996 in compliance with OBDII standard. CR720 features great battery test functions including voltage display, monitoring and battery life evaluation.

1.77 SCREEN

OBDII CODE READER WITH BATTERY VOLTAGE TEST

FEATURES

- 1.77" High Resolution Color Screen with backlight.
- Support full OBDII 10 test modes.
- Red-Yellow-Green LEDs Indicating Monitor Status.
- Works with most 1996 and newer OBDII compliant vehicles, includes light-duty trucks, SUVs, minivans and hybrids.
- Read and Clear engine trouble codes.
- Clear stored emissions related data.
- Display monitor and I/M readiness status.
- Retrieve protocol, VIN, Cal ID and CVN identifiers from ECU.
- Complete vehicle diagnostic trouble codes analysis library.
- Battery voltage measurement.
- Battery voltage curve monitoring.
- Battery life evaluation.
- Multilingual menu options.

OBDII 10 MODES

Mode 1	Read Generic Data & Monitors	Mode 7	Read Pending Code
Mode 2	Display Freeze Frame Data	Mode 8	Bi-Directional Control of On-Board System
Mode 3	Read Trouble Codes (DTCs)	Mode 9	Vehicle Information- VIN, CALID & CVN
Mode 4	Clear Trouble Codes (DTCs)	Mode 10	Read Emission-related Permanent DTCs
Mode 5	Read Test Result of Oxygen Sensor		On-Board Monitor Test
Mode 6	Read Continuously & Non-Continuously		
	Monitored System test Results		

SPECIFICATION

Display	1.77 inch LCD color screen
Working Voltage	8-18V
Working Temperatere	below -20-65 ºC
Storage Temperature	below -30-70 ºC
Working Currency	50ma
Product Size	135*76*22mm
Single Device Weight	248G

PRODUCT DETAILS

Soft silicone buttons

22mm Ultra-thin body

Palm grip design

CR 206

OBDII / EOBD HANDHELD CODE READER

Works with all 1996 and newer cars & light trucks that are OBD2 compliant (including light CAN protocol). Reads and clears trouble codes (DTCs) and turns off check engine light. CR206 features great battery capabilities, such as battery voltage measurement, battery voltage monitoring and battery life evaluation.

OBDII CODE READER WITH BATTERY VOLTAGE TEST

Erase Codes   **Read Codes**   **CAN Protocols**   **I/M Readiness**   **View Freeze Frame Data**   **Battery Life Evaluation**

FEATURES

➤ Work on all 1996 and newer cars & light trucks which are OBD2 compliant.
➤ Read and clear engine trouble codes.
➤ Clear stored emissions related data.
➤ Display monitor and I/M readiness status.
➤ Retrieve VIN, Cal ID and CVN identifiers from ECU
➤ Complete vehicle diagnostic trouble codes analysis library.

➤ Battery voltage measurement.
➤ Battery voltage monitoring.
➤ Battery life evaluation.
➤ Readiness of over 88 real-time live data.
➤ Easily determine the cause of the Check Engine Light (MIL).
➤ View Freeze Frame Data.
➤ Multilingual menu options.

SPECIFICATION

Display	128*64 pixel
Working Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)
External Power	8 to 18 V provided via vehicle
Supported Protocols	SAE J1850 PWM (41.6 kbaud), SAE J1850 VPW (10.4 kbaud), ISO 9141-2 (5 baud init, 10.4 kbaud), ISO 14230-4 KWP (5 baud init, 10.4 kbaud), ISO 14230-4 KWP (fast init, 10.4 kbaud), ISO 15765-4 CAN (11 bit ID, 500 kbaud), ISO 15765-4 CAN (29 bit ID, 500 kbaud), ISO 15765-4 CAN (11 bit ID, 250 kbaud), ISO 15765-4 CAN (29 bit ID, 250 kbaud)

PRODUCT DETAILS

Comfortable handheld design   **20mm** Ultra-thin body   **Sensitive** buttons

CR 200

POCKET OBDII / CAN CODE READER

CR200 works with all 1996 and newer cars & light trucks that are OBD2 compliant (including CAN protocol). Supports multiple trouble code requests: generic codes, pending codes and manufacturer's specific codes.

OBD2/EOBD Code Reader

OBDII

[⌄]=Setup
[Enter]=Scan

Enter /Back

Scroll ⌄

UDIAG

SUPPORT CAN AND ALL OTHER CURRENT OBD-II PROTOCOLS

Erase Codes **Read Codes** **CAN Protocols** **I/M Readiness** **View Freeze Frame Data** **Vehicle Information**

FEATURES

- Compatible with all 1996 and later OBDII compliant American, European and Asian vehicles.
- Supports CAN (Controller Area Network) and all other current OBD-II protocols.
- Retrieves vehicle information (VIN, CIN and CVN).
- View freeze frame data display monitor and I/M ready status.

- Identify pending code.
- Multilingual menus and DTC definitions.
- Support reading DTC.
- Display monitor and I/M readiness status.
- View freeze frame data.

SPECIFICATION

Display	128*64 pixel
Working Temperature	0 to 60ºC (32 to 140ºF)
Storage Temperature	-20 to 70ºC (-4 to 158ºF)
External Power	8-18 Volts powered by vehicle battery
Supported Protocols	SAE J1850 PWM (41.6 kbaud), SAE J1850 VPW (10.4 kbaud), ISO 9141-2 (5 baud init, 10.4 kbaud), ISO 14230-4 KWP (5 baud init, 10.4 kbaud), ISO 14230-4 KWP (fast init, 10.4 kbaud), ISO 15765-4 CAN (11 bit ID, 500 kbaud), ISO 15765-4 CAN (29 bit ID, 500 kbaud), ISO 15765-4 CAN (11 bit ID, 250 kbaud), ISO 15765-4 CAN (29 bit ID, 250 kbaud)

PRODUCT DETAILS

Comfortable handheld design

Latest appearance design

25mm Ultra-thin body

TT100

TIRE TREAD DETECTOR

The tire tread laser detector can quickly and accurately measure the tread depth to get the precise results without disassembling the tire. Equipped with a 1.78-inch AMOLED Super Retina touch screen, it can record test results and summarize them, allowing repairmen to screen and identify abnormal information to speed up tire repairs.

MEASURE TREAD DEPTH WITHOUT DISASSEMBLING TIRES

FEATURES

➤ Measure tread depth without disassembling tires.
➤ Laser measurement accuracy reaches 0.1mm.
➤ Full tread measurement.
➤ Dark light mode provides more accurate measurements in low-light working environments.

➤ 1.78-inch AMOLED Super Retina touch screen
➤ Ergonomic design of pole grip
➤ Single tire tread test is more accurate
➤ 4-core, 1.5G processor, faster and more accurate
➤ Industrial grade laser grade

SPECIFICATION

Detection Depth	0.4 ~20mm	Battery	3000MAH
Laser Level	Class 3R 200W 1.78 IN	Weight	240g
Camera Pixels	200W	Appearance Size (MM)	290*65*63
Measurement Accuracy	0.1mm	Charging Interface	USB2.0 (Type-C)
Display Size	1.78IN	Input	5V, 1A
Light Source	520NM green laser		
Display Material Details	OLED 1.78 inches		
Processor Model Information Parameters	4 cores, 1.5G		
Operating Environment Temperature	-5 to 40℃		
RAM & ROM (storage) Information Parameters	RAM 1G & ROM 8G		
Environmental Conditions	Natural Light		
Camera Module Details	2.0 Megapixel		

FUNCTION

Touch screen real-time measurement data
Uneven wear analysis
Full tread measurement
Quickly check tread depth
Record test results in real time

PRODUCT DETAILS

Industrial grade laser

Comfortable pole grip

Slim body

ALT 400

AUTOMOTIVE LEAK DETECTOR

Smoke Leak Detctor is designed for detecting the leakage of pipeline systems, such as air intake system, cooling tank, AC systems, air brake system, etc. It can produce smoke fast with large volume, and can effectively help technicians improve working efficiency.

UDIAG

POWER

SMOKE

CLOSE | START

DC12V

Smoke Vent

PROFESSIONAL AUTO PIPELINE LEAK DETECTION TOOL IN WIDE APPLICATIONS

➤ Professional automotive tool helps quickly locate the leakage part in any pipeline system.
➤ Designed for detecting the leakage of automotive pipeline systems, such as air intake system, coolant tank system,fuel system, exhausts system and so on.
➤ Diagnose EVAP systems for quick detection.
➤ Dual Detection Mode (Smoke & Air Mode).
➤ Built-in mini air pump for instant smoke generation.
➤ No need to buy extra air compressors for external air source connection.
➤ Smoke can be generated within 5 seconds to reduce the diagnosis time.
➤ Equipped with a pressure gauge for rapid leak diagnosis.
➤ Equipped with a flow meter and an adjustable knob to control smoke output.
➤ Visualized leakage quantity test through the flow meter.
➤ Overheat & anti-frost protection system keeps machine away from overload.
➤ Suitable for detecting leaks in pipeline systems on cars, motorcycles, snowmobiles, ATVs, light trucks and speedboats.
➤ Conforming to SAE & other international standards.

SPECIFICATION

Voltage	DC12V
Current	6A
Test Pressure Range	3-4KPa
Air Flow	1-8LM
Oil Volume	30 ML
Oil Consumption	0.5 ML/Min
Test Hose Length	1.5 M
Power Cable Length	1.5 M

PRODUCT DETAILS

MAX Liquid Level

⚠ **WARNING**
Do not exceed the highest liquid level in case the storage cylinder block is flooded and the device stops working!

Barometer design

Smoke oil window

Leak volume window

ALT 300

AUTOMOTIVE LEAK DETECTOR

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➤ No need to buy extra air compressors for external air source connection.
➤ Smoke can be generated within 5 seconds to reduce the diagnosis time.
➤ Equipped with a pressure gauge for rapid leak diagnosis.
➤ Visualized oil level gauge allows you to accurately control the amount of test oil.
➤ Overheat & anti-frost protection system keeps machine away from overload.
➤ Suitable for detecting leaks in pipeline systems on cars, motorcycles, snowmobiles, ATVs, light trucks and speedboats.
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PRODUCT DETAILS

Barometer design

Smoke oil window

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MAX Liquid Level

POWER   SMOKE

CLOSE | START

Indicator light POWER/SMOKE

ALT 180

AUTOMOTIVE LEAK DETECTOR

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UDIAG®

MAX Liquid Level

⚠ WARNING
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● POWER
● SMOKE

DC12V   Smoke Vent

O/I
CLOSE I START

PROFESSIONAL AUTO PIPELINE LEAK DETECTION TOOL IN WIDE APPLICATIONS

FEATURES

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PRODUCT DETAILS

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DC12V   Smoke Vent

Power Inlet/Smoke Vent

MAX Liquid Level

⚠ WARNING
Do not exceed the highest liquid level in case the storage cylinder block is looded and the device stops working!

Smoke oil window

● POWER
● SMOKE

O/I
CLOSE I START

Indicator light POWER/SMOKE

UDIAG Series Comparison Chart

Model	X-95 PRO	X-50	X-30
Parameters			
ROM/RAM	128GB/4GB	72GB/1GB	72GB/1GB
Processor	2.0GHZ	1.4GHz	1.4GHz
Operating System	Android	Android	Android
Display	10.1-Inch	7-Inch	7-Inch
Wireless VCI	✓	✓	✓
Battery Capacity	12600mAh	7200mAh	7200mAh
Diagnostic Function			
System Diagnostics	Access all modules in all systems	Access all modules in all systems	Access all modules in all systems
Vehicle Coverage	US,Asian & European more than 120+	US,Asian & European more than 120+	US,Asian & European more than 120+
Automatic Detection	Auto-VIN	Auto-VIN	Auto-VIN
Topology Mapping	✓	✓	✓
Live Data Stream	✓	✓	✓
Actuation Test	✓	✓	✓
CAN FD Protocol	✓	✓	✓
DoIP Protocol	✓	✓	✓
J2534 Protocol	✓	✗	✗
OBDII Test Modes	All 10 Test Modes	All 10 Test Modes	All 10 Test Modes
Adaptation/Coding	✓	✓	✗
ECU Programming	✓	✓	✗
Maintenance Resets	41+ Service Resets	40+ Service Resets	40+ Service Resets
ADAS Calibration	Optional	✗	✗
24V Heavy Duty	Optional	✗	✗
EV Package	Optional	✗	✗
TPMS Tool	Optional	✗	✗
IMMO Programmer	✗	Optional	✗
EEPROM Programmer	✗	Optional	✗
Refresh Hidden Feature for VW, AUDI, SKODA, TOYOTA	✓	✓	✗
Guided Function for VW Vehicles	✓	✓	✗
Remote Support	✓	✓	✓
Video Scope	Optional	Optional	Optional
Oscilloscope	Optional	Optional	Optional
Multi-language Support	✓	✓	✓
Software Updates	2 Years Free Update Via Wi-Fi	3 Years Free Update Via Wi-Fi	18 Months Free Update Via Wi-Fi

Model	A 550	A 500	A 300	A 200
Diagnostic Features				
Display	4.3-Inch	4.3-Inch	4.3-Inch	2.8-Inch
Vehicle Coverage	110+	110+	110+	The selected vehicle
Read Codes	✓	✓	✓	✓
Erase Codes	✓	✓	✓	✓
Live Data	✓	✓	✓	✓
ECU information	✓	✓	✓	✓
Active Test	✓	✗	✗	✓
Adaptation	✓	✗	✗	✓
Security Access	✓	✗	✗	✓
Coding	✓	✗	✗	✓
Complete OBDII Diagnostic	✓	✓	✓	✓
OIL RESET	✓	✓	✓	✓
EPB	✓	✓	✓	✓
Throttle Reset	✓	✓	✓	✓
SAS	✓	✓	✓	✓
TPMS	✓	✓	✓	✓
ABS Bleeding	✓	✓	✓	✓
AC Learn	✓	✓	✗	✓
ADBLUE	✓	✓	✗	✓
AFS	✓	✓	✗	✓
AIRBAG	✓	✓	✗	✓
Ajust A/F	✓	✓	✗	✓
AT ADAPTION	✓	✓	✗	✓
BRT	✓	✓	✗	✓
CHANGE TIRE	✓	✓	✗	✓
CLUTCH	✓	✓	✗	✓
COOLANT	✓	✓	✗	✓
DPF	✓	✓	✗	✓
EGR	✓	✓	✗	✓
ENGPBM	✓	✓	✗	✓
EVAP TEST	✓	✓	✗	✓
GEARBOX	✓	✓	✗	✓
GEAR LEARNING	✓	✓	✗	✓
GPF	✓	✓	✗	✓
HVOLBAT	✓	✓	✗	✓
IMMO	✓	✓	✗	✓
INJECTOR CODING	✓	✓	✗	✓
LANGUAGE OPTION	✓	✓	✗	✓
MOTANG	✓	✓	✗	✓
NOx SENSOR	✓	✓	✗	✓
ODOMETER	✓	✓	✗	✓
PFP	✓	✓	✗	✓
SRS	✓	✓	✗	✓
SEAT MATCH	✓	✓	✗	✓
STOP/START	✓	✓	✗	✓
SUNROOF RESET	✓	✓	✗	✓
SUSPENSION	✓	✓	✗	✓
TCM OIL	✓	✓	✗	✓
TRANSPORT	✓	✓	✗	✓
TURBO	✓	✓	✗	✓
WINDOWS DOOR	✓	✓	✗	✓
Software Updates	3 Years Free	3 Years Free	3 Years Free	3 Years Free
System Diagnostics	Access all modules in all systems	Access all modules in all systems	Access four systems Engine Transmission, ABS & Airbag	Access all modules in all systems

UDIAG Series Comparison Chart

Model	CR 800	CR 720	CR 206	CR 200
Supported Protocols	SAE J1850 PWM SAE J1850 VPW ISO 9149-2 ISO 14230-4 KWP2000 ISO 15765-4 CAN	SAE J1850 PWM SAE J1850 VPW ISO 9149-2 ISO 14230-4 KWP2000 ISO 15765-4 CAN	SAE J1850 PWM SAE J1850 VPW ISO 9149-2 ISO 14230-4 KWP2000 ISO 15765-4 CAN	SAE J1850 PWM SAE J1850 VPW ISO 9149-2 ISO 14230-4 KWP2000 ISO 15765-4 CAN

Parameters

	CR 800	CR 720	CR 206	CR 200
Operating System	Embedded System	Embedded System	Embedded System	Embedded System
Free Upgrade	Lifetime Free	No need to update	No need to update	No need to update
Screen Size	2.8-Inch	160*128 pixel	128*64 pixel	128*64 pixel
Power	8-18V Provided by Vehicle	8-18V Provided by Vehicle	8-18V Provided by Vehicle	8-18V Provided by Vehicle
Supported Car Models/Makes	Most 1996 and newer vehicles including light-duty trucks, SUVs, minivans, and hybrid	Most 1996 and newer vehicles including light-duty trucks, SUVs, minivans, and hybrid	Most 1996 and newer vehicles including light-duty trucks, SUVs, minivans, and hybrid	All 2000 and later OBDII vehicles

Diagnostic Features

	CR 800	CR 720	CR 206	CR 200
OBDII/EOBD Diagnostic				
System Status	✔	✔	✔	✔
Read Codes	✔	✔	✔	✔
Erase Codes	✔	✔	✔	✔
Live Data	✔	✔	✔	✕
Freeze Frame	✔	✔	✔	✔
I/M Readiness	✔	✔	✔	✔
O₂ Monitor Test	✔	✔	✕	✕
On-Board Monitor Test	✔	✔	✕	✕
Component Test	✔	✔	✕	✕
Modules Present	✔	✔	✕	✕
DTC Lookup	✔	✔	✕	✕
VIN Identification	Auto	Auto	Auto	Auto
Battery Test	✔	✔	✔	✕
Battery Voltage Monitoring	✕	✔	✔	✕
Battery Life Evaluation	✕	✔	✔	✕

AUTO DIAGNOSTIC TOOLS