

PROFESSIONAL DIAGNOSIS

PRODUCT CATALOG

UDIAG TECH CO., LTD.

UDIAG TECH CO., LTD.

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Professional Service

Advanced Technology





UDIAG integrates development and manufacturing in-house and has more than ten years of experience in supplying automotive diagnostic tools in the industry. UDIAG holds the managerial idea that "Quality Proves Strength, Details Reach to Success" to provide customers with high quality products and excellent service around the world. Our main products include comprehensive diagnosis platform, professional scan tool and OBDII/CAN code reader. The full range products for the demand of DIYers, workshops and garages, help them lower operation costs and increase productivity.



Advanced Technology >

Employs experienced technical and management personnel, UDIAG persists in state-of-the-art technological innovation.

Years >

Software **Engineers** >

We have been committed to the automotive intelligent diagnostic field for more than ten years. Under our comprehensive talent management and training system, we have more than 50 software engineers continuously developing innovative solutions for our customers. More and more talents are attracted and join us accordingly.

Loved by customers >

UDIAG helps professionals and workshops reduce operation costs and increase productivity by providing easy-to-use, cost-effective products and solutions. We are successfully sold our products to many countries such as the United States, the United Kingdom, Germany, Australia, Mexico, Brazil and so on.

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- X-90 PRO performs advanced vehicle diagnostics and analysis, such as retrieve ECU information, live data, active test, adaptation, bi-directional, functional test, matching and coding for vehicle
- Professional in immobilizer, odometer and eeproom.
- Android operating system for fast boot-up.
- Works on more than 110+ American, European and Asian makes from 1996 to 2023.
- Work on CANFD, Dolp protocol diagnosis.

- > Exceptional OE-Level system coverage for all electronic
- > Support 40+ required maintenance function, such as AT adaption, adjust fuel, injector coding, odometer, immobilizer, etc.
- View freeze frame data and graph systems live data.
- One-touch full vehicle code scan.
- Print out recorded data with Wi-Fi technology.
- VCI communication with vehicles within up to 70~100 meters.

SPECIFICATION

Operating System	Android 7.1
Display	10.1" Touch Screen, 1280*800
Processor	Cortex-A17, 1.8GHz
Memory	2GB RAM & 64GB ROM
Input Voltage	DC/12 V (9-35 V)
Operating Temperature	-10 to 50°C (14 to 131°F)
Input Voltage	DC/12 V (9-35 V)
Power	3.7V, 10000mAh polymer li-ion battery

PACKING LIST

Diagnostic Tablet	×1	OBDII Adapter	×l
VCI	×1	User Manual	×1
Diagnostic Cable	×1	Carrying Case	×1
Power Adapter	×1	USB Cable	×1

































- X-50 featuring the powerful Cortex-A7 processor, and a 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 for reset performing 40+, such as AT adaption, AFS, injector coding, odometer, immobilizer programming, etc.
- > Automatic VIN identification for easy vehicle communication.
- Work on CANFD protocol diagnosis.
- Wireless Bluetooth vehicle communication interface
- Built-in rechargeable lithium-polymer battery for up to 35 hours of continuous operation.

SPECIFICATION

Operating System	Android 7.1.2
Display	7.0 inch IPS Touch Screen
Processor	Cortex-A7, 1.4GHz
Memory	IGB 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	OBDII Adapter	×1
VCI	×1	User Manual	×1
Diagnostic Cable	×1	Carrying Case	×1
Power Adapter	×1	USB Cable	×1





































- Extensive vehicle coverage for more than 100 American, European and Asian vehicle makes.
- Hot service functions for reset performing 40+, such as AT adaption, AFS, injector coding, odometer, immobilizer programming, etc.
- Work on CANFD 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 7.1.2
Display	7.0 inch IPS Touch Screen
Processor	Cortex-A7, 1.4GHz
Memory	IGB 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	OBDII Adapter	×1
VCI	×1	User Manual	×1
Diagnostic Cable	×1	Carrying Case	×1
Power Adapter	×1	USB Cable	×1





X-30

PROFESSIONAL ANALYSIS DIAGNOSTIC TOOL

























Bluetooth 35 Hrs lasting Auto VIN













- Provide professional diagnosis on over 100 makes in American, Asian and European.
- 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 data stream, support active test, etc.
- Direct Access to 40+ required special function, such as oil service reset, ABS, EPB, airbag, AT

- adaption, BCM/SIR setting, 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 or symptom specific data.
- Displays 2 parameter graphs simultaneously and merge them into one coordinate.
- Print diagnostic reports via PC connection.
- Multilingual menu options (15 languages).

SPECIFICATION

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

PRODUCT DETAILS

4.3"

SCREEN





47mm Ultra-thin body





A 550

ALL SYSTEM POWERFUL SCAN TOOL

A550 is the most advanced and multifunctional scan tools. It is specially designed for

professional technicians and body shops to service individual specialized systems,

such as the most car makes coverage, 40+ service functions, making A550 is simple and easy to use.





- Cover more than 100 American, Asian, European and China vehicle makes.
- Work on both OBDI and 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 40+ required special function, such as oil service reset, ABS, EPB, airbag, AT adaption,

- BCM/SIR setting, 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 or symptom 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 and rubber sleeve resist impact and damage in the tough workshop environment.

SPECIFICATION

Display	4.3" Backlit, 480*272 TFT color screen
Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)
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









A 500

FULL SERVICE PROFESSIONAL SCAN TOOL

A500 is a professional level diagnostic handheld tool, includes 40+ special function and works on all system 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.

UDIAG®

Sun Roof V20 58 F3-EPB

① 未连接

短期记忆

F3

4.3"

SCREEN

BACK

A 300

FOUR SYSTEMS SCAN TOOL

A300 can access Engine, Transmission, ABS, and Airbag (SRS) systems for the best diagnosis operations. Loaded with main service function 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





SPECIAL FUNCTION















Oil Service Reset

SAS

TBA

TPMS

ABS Bleed

FEATURES



- Access to engine, transmission, ABS and airbag systems.
- Support 6 special function, such as oil service reset, EPB, TBA, SAS, TPMS and ABS Bleed.
- Works on the latest 2022/2023 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 will be recorded in A300, which is prepared for reviewing history diagnostic recordings, and further identifying 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" Backlit, 480*272 TFT color screen
Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)
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





Comfortable handheld design





- Work with the latest 2022/2023 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





30mm Ultra-thin body





A 200

SINGLE CAR MAKE SCANNER

A200 is a multi-system single make scan tool, it delivers all system diagnosis

for cars and supports the full service.



OBDII CODE READER WITH BATTERY VOLTAGE TEST





- ➤ Work with most 1996 and newer (OBDII & CAN) vehicles, includes light-duty trucks, SUVs, minivans and hybrid.
- ➤ I/M Readiness Hot key Red-Yellow-Green LEDs Indicating
- 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
- ➤ Read, records, graphs & playbacks real-time live data streams.
- Multilingual menu options.
- Clearly arranged keypad make it extremely easy to use by one hand.

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" LCD 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	147*90*30mm
Supported Protocols	J1850-41.6, J1850-10.4, ISO9141, KWP2000 (ISO 14230),
	and CAN (Control Area Network ISO 11898)

PRODUCT DETAILS

SCREEN







CR 700

OBDII CODE READER

CR700 car code reader must be a spared tool in your car, it can quickly read and erase DTC (engine fault codes) when the MIL is illuminated, and this process only take 1-3 minutes. It's not worth driving to your local garage or parts shop for a scan and possibly get an unnecessary sales pitch.



CR 600

VEHICLE OBDII/CAN CODE READER

CR600 engine error code reader is a universal tool for checking engine system on most vehicles. It can read & clear trouble code: generic codes, pending codes and manufacturer's specific codes. Small size and conveniently fits in your palm.



2.4" TFT COLOR SCREEN WITH I/M READINESS HOT KEYS

READ & CLEAR TROUBLE CODES

FEATURES

- ➤ Work with 1996 to newer OBDII & CAN vehicles.
- Easy to use with I/M hot key.
- Display monitor and I/M readiness status.
- > Read manufacturer specific code.
- Customize live data.
- Read and clear stored and pending codes.
- Freeze-frame data reading.
- Displays live engine data in graph.
- Retrieve VIN, Cal ID and CVN identifiers.

- Display freeze frame data.
- Read and clears trouble codes (DTCs).
- Read test result of oxygen sensor.
- Read emission-related permanent DTCs.
- Turn off warning lights.
- Enhanced OBD II mode 6.
- Free software update.
- Multilingual menu options.

FEATURES

- Built-in OBD-II DTC library.
- Plug-and-play interface and highly reliable.
- Large LCD screen easy to read.
- No batteries, supply power through detachable OBDII cable.
- Small size and conveniently fits in your palm.
- Read & clear trouble code: generic codes, pending codes, and manufacturer's specific codes.
- Read live data stream.

- Display I/M readiness status.
- Detect OBD-II Freeze Frame Information.
- Retrieve vehicle information (VIN, CID and CVN).
- Built-in OBD-II DTC lookup library.
- Built with a large LCD display (128 x 64 pixel) that has white backlight and contrast adjustment, indicates test results directly.
- Show the fault code directly and explains what the fault code means clearly, you don't need to search online.

SPECIFICATION

Display	2.4" TFT 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 to 18 V provided via vehicle
Dimensions	125*80*24mm (L*W*H)
Supported Protocols	CAN J1850 PWM J1859-41.6, J1850-10.4, ISO9141, KWP2000 (ISO 14230), and CAN (Control Area Network ISO 11898) ISO9141 KWP2000

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
Dimensions	125*80*24mm (L*W*H)
Supported Protocols	CAN J1850 PWM J1850-41.6, J1850-10.4, ISO9141, KWP2000 (ISO 14230) CAN (Control Area Network ISO 11898) ISO9141 KWP2000

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CR200

POCKET OBDII/CAN CODE READER

CR200 featuring the I/M Readiness Key.

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



BATTERY VOLTAGE MEASUREMENT AND BATTERY LIFE EVALUATION

SUPPORT CAN AND ALL OTHER CURRENT OBD-II PROTOCOLS

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
- Completion of the vehicle fault code 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)

FEATURES

- Compatible with all 2000 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.
- Feature a patented One-Click I/M Readiness Key.
- Support reading DTC.
- Display monitor and I/M readiness status.
- View freeze frame data.

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	8-18 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)

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