XTOOL
Next Tool for Auto

AUTOMOTIVE DIAGNOSIS

PRODUCT BROCHURE

Shenzhen Xtooltech Intelligent CO., LTD.
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XTOOL
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in Xtooltech CO.LTD
https://www.linkedin.com/company/xtooltech-co-ltd/

E-MAIL / TEL

Marketing@xtooltech.com
+86 755 21670995

ADDRESS

17&18/F, A2 Building, Creative City, Liuxian Avenue,
Nanshan District, Shenzhen, China

OUR MISSION
MAKE REPAIRING EASIER

Established in 2010, XTOOLTECH is an automotive intelligent diagnostic supplier based in Shenzhen, China. Adhering to the principle of "make repairing easier", XTOOL is committed to R&D, production and sales of automotive intelligent diagnostic equipment, and operating cutting-edge technologies such as car networking, big data and cloud computing in the field of automotive electronic diagnosis.

With the principle of "make repairing easier", XTOOL creates auto diagnostic products that are sold worldwide.

■ CORE VALUES

Customer-centered
Innovation as the root

■ BUSINESS PERSPECTIVE

Strive to provide the most professional tools & services to our customers
Build reliable & responsible relationship inside & outside the company
Committed to customer satisfaction & success

■ OUR VISION

To be the world's leading provider of automotive electronic diagnostic equipment

HISTORY OF XTOOL

2023

Feb. Key cutting machine KNC91 Released

Aug. XT series Launched

2022

Sep. H6D PRO II Trcuk Diagnois Tool Released

Aug. H6 Pro II Released

Mar. The new version of XTOOL official website went online

Mar. D9 Smart Diagnosis System Launched

2022 2023

Reached a strategic partnership with Bosch

Obtained IATF169 Certificate

Top 100 Auto Maintenance Enterprise in China

100+ Patents & Software Documents

2020 2021

U.S Sales Team was formed

Reached a strategic partnership with DIDI

Top 20 Repair Tool – H6 Pro

2018 2019

Reached a strategic partnership with Tencent

Analysis system & method of invention patent based on Vin Code

Reached a strategic partnership with Mobike

Reached a strategic partnership with ZTE

2014 2015

Awarded as National High-tech Enterprises

Reached a strategic partnership with Daimler Benz

Designated Equipment for 45th WorldSkill Contests

2016 2017

Obtained Apple MFI Developer Certification License

Obtained High-tech Enterprise Certification

2012 2013

Founded in Shenzhen China

Launched the first mobile Internet diagnostic device

2010 2011

Canada

Russia

Europe

Japan

America

Korea

China

Middle East

Mexico

India

Thailand

Latin America

Australia

70

BUSINESS
COVERING COUNTRIES

12

Company Honors throughout
12 Years Development

350

PATENTS &
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45

R & D

BUSINESS SCOPE

- **OBD2 CODE READERS**
- **DIAGNOSTIC TOOLS**
- **TPMS SERVICES**
- **KEY CUTTING MACHINES**
- **AUTO KEY PROGRAMMERS**
- **ADAS CALIBRATION**

CONTENTS

01

DIAGNOSTIC TOOLS

Core Products

XT90 / XT80 / XT80W / XT70 / XT70W
/ H6PRO MASTER II / H6PRO II
H6ELITE / H6EB /ANYSCAN A30
/N9EV

PRODUCT SERIES

XTOOL Intelligent Car Diagnosis System has a comprehensive vehicle coverage of global car models, including Asian car, European car, American car, new energy car, China car, ect.

Equipped with rich special functions and continuous product upgrades, XTOOL is committed to bring global users a more user-friendly product experience.

XT90
Smart Diagnostic System

XT80
Smart Diagnostic System

XT80W
Smart Diagnostic System

XT70
Smart Diagnostic System

XT70W
Smart Diagnostic System

N9EV
EV Smart Diagnostic System

H6PRO MASTER II
Smart Diagnostic System

H6PRO II
Smart Diagnostic System

H6EB
Smart Diagonstic System

H6 ELITE
Smart Diagonstic System

ANYSCAN A30
Portable Wireless Scan Tool

XT90

Smart Diagonstic System

XT90 is an advanced automotive diagnostic system featuring a large 9.7-inch screen and dual WIFI modules for stable data transfer between the tablet and VCI. Designed for mechanics, electricians and automotive repair stores, it provides full-system automotive diagnostics, live data, Bi-directional control test, ECU coding and ECU programming.

XT90 also supports 42 common special functions such as throttle adaptation, ABS bleeding, service light reset, EPB test, SAS calibration, BMS reset, injector coding, DPF regeneration, and TPMS reset. With 98% vehicle coverage and compatibility with over 100 brands and 10,000 car models, the XT90 is a versatile and reliable tool for any automotive professional.

■ PRODUCT FEATURES

Full-System Diagnostic

Perform OE-Level diagnosis on all available systems. Support ECU information, read and clear DTC, live data and freeze frame and special function under system menus

Topology Mapping Supported

Provides a visual representation of the communication status of each system in the vehicle during automatic scanning.

Equipped with Videoscope

Equipped with a 2-megapixel videoscope, connected via USB port

Online & Offline Programming

Support Online Programming for Volkswagen, Audi, BMW, Mercedes-Benz
and programmable module installation for Ford and Mazda

40+ Maintenance Functions

Include top popular maintenance functions, like ABS Bleeding, Key Programing, Injector Coding, Oil Reset, EPB, etc.

■ WIFI CONNECTION

1 V207 VCI
2 DB15 Main cable
3 OBDII-16 Adapter

■ WIRE CONNECTION

1 VCI
2 DB15 Main cable
3 OBDII-16 Adapter
4 Type B to USB cable

■ SPECIAL FUNCTION

SAS	Seat Match	BMS Reset	EPB	Instrument Cluster	A/F Reset	ECU Configurations	Oil Reset	DPF	Immobilizer
Gearbox Match	Injector Coding	Throttle	Electronic Pump Activation	Gear Learning	Airbag Reset	ABS Bleeding	Windows Initialization	EEPROM	Headlight
Language Change	ADAS calibration	• • •							

■ PARAMETERS

Operating System	Android 10	Auto Input/Output	Microphone/ Speaker
Processor	4 Core 1.50GHz	Battery	6400 mAh, 7.2V
Memory	4G RAM, 128 ROM	Working Voltage	+ 9 ~ +36V
Display	9.7-inch, 1024×768P	Input Voltage	5V, 3A
Communication	WIFI / Wired	Operating Temperature	0 to 40℃
Connectivity	Type-C, USB 3.0	Storage Temperature	-40 to 60℃
Camera	Rear camera, 8.0 Megapixel, AF with Flashlight.	Humidity	<90%
		Dimension (L×W×H)	313X218X30 mm
Sensors	Gravity Accelerometer, Ambient Light Sensor	Protocol Compatibility	CANFD, DoIP

XT80

Smart Diagnostic System

◼ PRODUCT FEATURES

- Bi-Directional Control
- Full-System Diagnostic
- Programmable Module Installation
- ADAS calibration Supported
- 35+ Maintenance Functions
- Equipped with Videoscope
- New Topology Mapping function

◼ PARAMETERS

Operating System	Android 10
Processor	4 Core 1.50GHz
Memory	4G RAM, 64 ROM
Display	8-inch, 1024×768P
Connectivity	Type-C, USB 3.0
Communication	Wired
Camera	8.0 Megapixel, AF with Flashlight
Auto Input/Output	Microphone, Speaker
Working Voltage	9–36V
Battery	5000mAh, 7.2V
Dimension (L×W×H)	274mm × 175mm × 33.8mm
Protocol Compatibility	CANFD, DoIP

XT70

Smart Diagnostic System

◼ PRODUCT FEATURES

- Full OBD2 functions
- Bi-Directional Control
- Full-System Diagnostic
- ECU configuration supported
- 30+ Maintenance Functions

◼ PARAMETERS

Operating System	Android 10
Processor	4 Core 1.50GHz
Memory	2G RAM, 64 ROM
Display	7-inch, 1024×600P
Connectivity	Type-C, USB 3.0
Communication	Wired
Camera	8.0 Megapixel, AF with Flashlight
Auto Input/Output	Microphone, Speaker
Battery	2500mAh, 7.2V
Protocol Compatibility	CANFD, DoIP
Working Voltage	9–36V
Dimension	234.6×31.0×149.0 mm

XT80W

Smart Diagnostic System

◼ PRODUCT FEATURES

- Bi-Directional Control
- Wireless Full-System Diagnostic
- Programmable Module Installation
- ADAS calibration Supported
- 35+ Maintenance Functions
- Equipped with Videoscope
- New Topology Mapping function

◼ PARAMETERS

Operating System	Android 10
Processor	4 Core 1.50GHz
Memory	4G RAM, 64 ROM
Display	8-inch, 1024×768P
Connectivity	Type-C, USB 3.0
Communication	WIFI
Camera	Rear camera, 8.0 Megapixel, AF with Flashlight
Auto Input/Output	Microphone, Speaker
Working Voltage	9–36V
Battery	5000mAh, 7.2V
Dimension (L×W×H)	274mm × 175mm × 33.8mm
Protocol Compatibility	CANFD, DoIP

XT70W

Smart Diagnostic System

◼ PRODUCT FEATURES

- Full OBD2 functions
- Bi-Directional Control
- Full-System Diagnostic
- ECU configuration supported
- 30+ Maintenance Functions

◼ PARAMETERS

Operating System	Android 10
Processor	4 Core 1.50GHz
Memory	2G RAM, 64 ROM
Display	7-inch, 1024×600P
Connectivity	Type-C, USB 3.0
Communication	WIFI
Camera	8.0 Megapixel, AF with Flashlight
Auto Input/Output	Microphone, Speaker
Battery	2500mAh, 7.2V
Protocol Compatibility	CANFD, DoIP
Working Voltage	9–36V
Dimension	234.6×31.0×149.0 mm

H6PRO MASTER II

Smart Diagonstic System

Rich & Advanced Functions / Support DoIP & CANFD

H6 Pro Master is the latest diagnosis platform made for technicians. It supports SAEJ2534-1 and SAEJ2534-2 two international programming protocols and many ECU programming. With powerful functions, stable features, professional data, it is a professional ECU programming equipment for all cars maintenance shops.

■ PRODUCT FEATURES

- SAE-J2534 supported
- Online ECU Programming &Coding
- Programmable Module Installation
- New Topology Mapping function
- ADAS calibration supported
- 40+ Maintenance Functions
- Full-System Diagnostic

■ PARAMETERS

Operating System	Android
Processor	4 Core 1.80GHz
Memory	4G RAM, 128 ROM
Display	10.1-inch capacitive touch screen
Connectivity	BT 4.2, WIFI 2.4/5G Hz, USB 2.0
Connectivity	Bluetooth, Wired
Camera	The rear camera, 8.0 Megapixel, AF with Flashlight
Sensors	Gravity Accelerometer, Ambient Light Sensor
Auto Input/Output	Microphone, Speaker
Battery	13000mAh, 3.7V lithium-polymer battery
Dimension (L×W×H)	310mm X 189.3mm X 35.8mm

SAS · Seat Match · BMS Reset · EPB · Instrument Cluster · A/F Reset · ECU Configurations · Suspension · DPF

Gearbox Match · Injector Coding · Throttle · Electronic Pump Activation · Gear Learning · Immobilizer · ABS Bleeding · Oil Reset · EEPROM

Language Change · Windows Initialization · · · ·

H6PRO II

Smart Diagnostic System

Rich & Advanced Functions
Support DoIP & CANFD

■ PRODUCT FEATURES

- Online ECU Programming &Coding
- Programmable Module Installation
- New Topology Mapping function
- ADAS calibration supported
- 40+ Maintenance Functions
- Full-System Diagnostic

■ PARAMETERS

Operating System	Android
Processor	4 Core 1.80GHz
Memory	4G RAM, 128 ROM
Display	10.1-inch capacitive touch screen
Connectivity	BT 4.2, WIFI 2.4/5G Hz, USB 2.0
Connectivity	Bluetooth, Wired
Camera	The rear camera, 8.0 Megapixel, AF with Flashlight
Sensors	Gravity Accelerometer, Ambient Light Sensor
Auto Input/Output	Microphone, Speaker
Battery	13000mAh, 3.7V lithium-polymer battery
Dimension (L×W×H)	310mm X 189.3mm X 35.8mm

H6 ELITE

Smart Diagnostic System

OE-Level Diagnosis

H6 Elite is the latest car diagnosis platform made for technicians. Based on Android system, combined with OEM-level vehicle coverage, carried on a fashionable and beautiful tablet and brand-new interaction design, it gives users same simple operation but totally different experience.

■ PRODUCT FEATURES

- Full-System Diagnostic
- Bi-directional Control
- Key Programming
- Massive Special Functions

■ PARAMETERS

CPU	Quad Core, 1.8GHz
Operation System	Android
Display	8 inches
RAM	2 G
ROM	64 G
Communication	WIFI / BT
Battery Capacity	10,000mAh
Camera	8.0 Megapixel, AF with flashlight
Resolution	1024*768P(4:3)

H6EB

Smart Diagnostic System

Support CAN FD Protocol
Support BT Wireless Connection

■ PRODUCT FEATURES

- OEM-level Software
- Full Vehicles Coverage
- Special Functions
- Full System Diagnosis
- Bluetooth Connection
- New Topology Mapping function

■ PARAMETERS

CPU	Quad core 1.8G Hz
Operation System	Android
Display	8 inches
RAM	2 G
ROM	64 G
Communication	WIFI / BT
Battery Capacity	10,000 mAh
Camera	8.0 Megapixel, AF with flashlight
Resolution	1024*768p
Ports	USB, DC (2.5), VGA (DB15)

ANYSCAN A30

Portable Wireless Scan Tool

Scan Any, Scan Quickly
Compatible with IOS and Android System

Anyscan A30 is a full system wireless scan tool and easy to be carried in your pocket, working together with mobile phones and tablets. Both iOS and Android platform are supported. Full brands and systems are covered. What's more, it has many special functions, such as service light reset, DPF regeneration and EPB reset.

■ PRODUCT FEATURES

- Support iOS & Android
- Full System Diagnosis
- 5 Common Special Functions
- Multi Languages Supported
- New Topology Mapping function

■ PARAMETERS

CPU	32bit 180MHz ARM processor
nterface	DB15 male to DB15 male, DB9 male to USB 3.0
Display	1.54 inches
BluetoothDisplay	BLE 4.0
Energy consumption	2 W
Memory	1 MB

N9EV

EV Smart Diagnostic System

N9EV is a professional EV smart diagnostic system. Equipped with a 9.7-inch high-performance long-lasting tablet. The system supports Bluetooth communication, DoIP protocol, and CAN-FD protocol. N9EV supports most EV models in the market, and all the software including APP, diagnostic software, and operating system support online updates. N9EV covers extensive diagnostic functions, including Battery Pack Detection, Tesla diagnosis, Reading ECU Information, Reading/Clear DTCs, Reading Live Data, and IMMO functions more than 40 special functions.

■ PRODUCT FEATURES

- TESLA Adapters with OEM-level Diagnostic Functions
- Battery Pack Detection
- 42 Special Functions
- Topology Mapping Function
- Online Programming & Coding

■ PARAMETERS

Operating System	Android 10
Processor	4 Core 1.50GHz
Memory	4G RAM, 128G ROM
Display	9.7-inch, 1024×768P
Connectivity	Type-C, USB 3.0
Communication	WIFI, Wired
Camera	Rear camera, 8.0 Megapixel, AF with Flashlight
Sensors	Gravity Accelerometer, Ambient Light Sensor
Working Voltage	9-36V
Battery	6400 mAh, 7.2V
Dimension(LxWxH)	313mm X218mm X 30mm
Protocol Compatibility	CANFD,DoIP

■ L1E02 - TESLA LAN Diagnostic Adapter

L1E02 supports reading live data, reading and clearing DTC, which needs to be used with USB to Type B cable and cigarette lighter cable.

■ Distribution of TESLA LAN Diagnostic Port

- A - LAN Diagnostic Port for Model 3 and Model Y
- B&C - LAN Diagnostic Port for Model X and Model S
- D - Car Cigarette Lighter

1. Tablet
2. USB to Type-B cable
3. VCI
4. DB15 Main Cable
5. OBDII-16 Adapter
6. L1E02-TESLA Adapter
7. Cigarette Lighter Cable

■ L1E03 - TESLA CAN Diagnostic Adapter

L1E03 supports directly reading of single cell voltages for TESLA

■ Distribution of TESLA CAN Diagnostic Port

- A - CAN Diagnostic Port for Model 3 and Model Y
- B - CAN Diagnostic Port for Model X and Model S

1. Tablet
2. VCI
3. DB15 Main Cable
4. OBDII-16 Adapter
5. L1E03 -TESLA Adapter

■ J1E04 - TESLA Battery Adapter

J1E04 supports direct reading of single cell voltages for TESLA Model 3/Y

■ BMS low voltage communication connector

1. TABLET
2. VCI
3. POWER CABLE
4. DB15 MAIN TEST CABLE
5. OBDII-16 APTER
6. J1E04 TESLA BATTERY ADAPER

02

AUTO KEY PROGRAMMERS

Core Products

X100PAD ELITE/ IK618 E /X100PADS
/ KC501/ ANYTOYO SK1/
X100Pro2/ KS-1/M822

X100PAD ELITE
Professional Tablet Key Programmer

INPLUS IK618E
Automotive Key Programmer

KC501
Professional Key & Chip Programmer

ANYTOYO SK1
Toyota Smart Key Emulator

X100 PADS
Automotive Key Programmer

X100PRO2
Portable & High-performance Tablet

KS-1
Toyota/ Lexus Smart Key Emulator

M822
Smart Key Programmer

PRODUCT SERIES

XTOOL Intelligent Auto Key Programmers can not only provide customers with professioal key program-
ming, but also supplies advanced speacial functions.

With a wide range of supported vehicle models, this series are perfect solutions for workshops and
technicans who demand professional key prgramming experience.

X100PAD ELITE

Tablet Key Programmer

Rich & Advanced Functions / Support DoIP & CANFD

X100PAD Elite is a professional tablet key programmer which not only provides customers with key programming, but also supplies advanced special functions. Equipped with KC100 key programmer, X100 PAD Elite can perform: Key programming, oil service light reset, timing belt service light reset, tire pressure warning light reset, EPB reset, throttle body reset, DPF reset, battery reset etc.

■ PRODUCT FEATURES

- Support all key lost & add key
- PIN Code reading with EEPROM
- New remote controller programming
- Hexadcimal editor(Win Hex)
- Vehicle Identification Number programming
- Support the latest vehicles with CANBUS and UDS protocol
- Update Via WIFI (always equip your device with the latest software)
- Compatible with KC501 which support Mercedes key programming

■ PARAMETERS

Operation System	Android
Processor	Quad core 1.8GHz Processor
Memory	2G RAM, 64G FLASH
Display	8 inch IPS LCD with 1024 x 768p resolution
Camera	8.0 Megapixel
Sensors	Gravity Sensor, Ambient Light Sensor
Interface	USB3.0, DC charging port, DB15 interface
Audio Input/Output	Microphone, Single speaker
Battery	10000 mAh 3.7V lithium polymer battery
Working Temperature	–10℃ to 50℃(-4℉ to 126℉)
Relative humidity	<90%
Dimension (L*W*H)	240 x 177 x 30mm

INPLUS IK618E

Automotive Key Programmer

InPlus IK618E is a professional key programmer machine that supports full system diagnosis, including reading & clear DTCs, dataflow reading, and actuation tests for all systems. All-in-one special functions expert with 30+ functions like SAS/EPB/DPF/etc. Full compatibility and full functions on a compact-sized tablet, make IK618E a great tool for locksmith businesses.

■ PRODUCT FEATURES

- 30+ Special Functions
- Full System Diagnosis
- Wide Coverage

■ PARAMETERS

CPU	Quad-core 1.5GHz
Operation System	Android
RAM / ROM	2G / 64G
I/O Voltage	5V / 3.65V
Capacity	5000mAh
Connectivity	Bluetooth, USB-A, DB15 (VGA)
Power Consumption	8W
Screen	7.0-inch, 1024x600px touch screen

X100 PADS

Automotive Key Programmer

X100PADS is an automotive key programming device with a 7-inch LCD display and Android 10 OS, which is designed for locksmiths, vehicle owners and car mechanics. It supports vehicle programming for 2,000+ models under 60+ car manufacturers, providing solutions on reading immobilizer data, extracting pincode, add keys, all keys lost, remote programming, etc.

■ PRODUCT FEATURES

- Wide Coverage
- EEPROM Modifying
- Portable but Powerful
- OBD2 Universal Diagnosis
- Various Features

■ PARAMETERS

Display	7.0-inch touch screen with 1024×600 resolution
CPU	Quad-core processor 1.5GHz
Operating System	Android 10
Memory	2G RAM, 64G ROM
Battery	2500mAh, 7.3V lithium-polymer battery
Working Voltage	9-36V
Communication	Wired
Connectivity	DB15 TO VGA, USB Type-C, WIFI 2.4/5G
Dimension (L×W×H)	234.6×31.0×149.0 mm

KC501

Professional Key & Chip Programmer

Designed for Mercedes-Benz

Powerful in functions and fashionable in appearance, KC501 is a professional Key & chip programmer which can not only read,write keys and read key remote frequency, but also generate dealer keys. It support read and write MCU/EEPROM chips, reach and write Mercedes Infrared keys. Moreover, it support PC connection which brings you better user experience.

■ PRODUCT FEATURES

- Dealer Key Generator
- Mercedes-Benz IR Key
- Key Frequency & ID Reading
- EEPROM Modifying
- ECU Programming

■ PARAMETERS

Power supply	DC 5V/12V
Port	DB26, USB-B, DC 12V
Appearance Size	177 * 85 * 32 (mm)
Weight	0.32 KG

ANYTOYO SK1

Toyota Smart Key Emulator

Toyota Key Data Collector & Emulator
Safest Solutions on Toyota/Lexus Key Programming

XTool AnyToyo SK1 is a data collector, as well as a smart key emulator, allowing you to do a key cloning process in add key / all keys lost situations for 2013+ Toyota models with the smart key. AnyToyo SK1 can also do an emergency start when there is no key available on your hand and generate new keys using AnyToyo smart key that comes with the set.

■ PRODUCT FEATURES

- Pin Free, Bench Free, OBD Free
- Load IMMO Data Safe
- OEM-Level Keys Inside
- All Keys Lost / Emergency Start

■ PACKING LIST

- AnyToyo SK1 Smart Key Emulator X1
- AnyToyo 8A-Universal Smart Key PCB X1

AnyToyo 4A Smart Key PCB x1 (Optional)

8A **4A**
   (Optional)

■ PARAMETERS

Port	USB 3.0
Frequency	315/433MHz (RF) 125KHz (LF)

■ ANYTOYO SK1 SUPPORT LIST

The chip information shown on the list may vary in different markets or models. This list is for reference only.

TOYOTA			
Model	Model YEAR	FCC ID	Chip type
4Runner	2020-2021, ...	HYQ14FBA, ...	8A-82, ...
Alphard/Vellfire	2015+	BK1EW	8A-85
Aqua/Prius C	2012-2020	HYQ14FBA	8A-82
Avalon	2019-2022	HYQ14FBC	8A-85
	2019-2022	HYQ14FBE(315) / HYQ14FCC(433)	8A-88
bZ4X	2022+	HYQ14FBX	8A-BA
Camry	2018+	HYQ14FBC(315) / BR2EX(433)	8A-85
		HYQ14FLA	8A-BA
C-HR/Izoa	2017-2020	BR2EX	8A-88
	2018-2021	MOZBR1ET	8A-85
Corolla (Altis)	2019+	HYQ14FBN(315) / B2U2K2R(433)	4A
Corolla Cross	2022+	HYQ14FBW	4A
Crown	2023+		8A-BA
Fortuner	2016-2019	BM1EW	8A-82
	2020-2021	HYQ14FBA	8A-82
Harrier/Venza	2021+	HYQ14FBX	8A-BA
Highlander	2018-2020	HYQ14FBA	8A-82
Crown Kluger	2020+	HYQ14FBC(315) / HYQ14FCN(433)	8A-88
Innova	2021+	B3H2K2R	4A
Land Cruiser	2016-2019, ...	HYQ14FBA, BH1EK / BH1EW, BJ2EK / BJ2EW, ...	8A-82, ...
Land Cruiser Prado	2018-2019	HYQ14FAK(312) / HYQ14FCF(433)	8A-82
	2020-2023	HYQ14FCC	8A-85
Mirai	2016-2020	HYQ14FBA	8A-82
	2021-2022	HYQ14FLA	8A-BA
Prius (Prime)	2016-2021, ...	HYQ14FBC, ...	8A-85, ...
RAV4 (Prime) Wildlander	2013-2018, ...	HYQ14FBA, ...	8A-82, ...
Sequoia	2019-2021	HYQ14FBA	8A-82
	2021-2023	HYQ14FBB	8A-85
Sienna	2021-2022	HYQ14FBX	8A-BA
Tacoma	2015-2021	HYQ14FBA	8A-82
	2021-2023	HYQ14FBB	8A-85
Tundra	2019-2021	HYQ14FBA	8A-82
	2021-2023	HYQ14FBB	8A-85
Yaris (Cross)	2020+		8A-BA

LEXUS*			
ES	2019-2023	HYQ14FBF / HYQ14FBZ	8A-88
GX	2020+	HYQ14FBF	8A-85, 8A-88
LC	2018-2020	HYQ14FBF	8A-85
	2020-2021	HYQ14FBZ	8A-88
IS	2014-2019	HYQ14FBA(315) / BG1EK(433)	8A-82
	2021+	HYQ14FLB	8A-85
LS	2018-2022	HYQ14FBF	8A-88
LX	2016-2019, ...	HYQ14FBA(315), BG1EW / BG1EK(433), ...	8A-82, ...
	2015-2020	HYQ14FBA / HYQ14FDD-04(315), BG1EW / BG1EK(433)	8A-82
NX	2021+	HYQ14FLB	8A-85
RC	2014-2020	HYQ14FBA(315) / BG1EK(433)	8A-82
RX	2016-2020, ...	HYQ14FBB(315), BP1EK / BP1EW(433), ...	8A-85, ...
UX	2019-2022	HYQ14FBF / HYQ14FBZ	8A-88

KS-1

Toyota Smart Key Simulator

KS-1 is a 5 in 1 simulation card which can eliminate the need to disassemble the smart box and other modules. As long as the original car data is read from the OBD to generate the simulation card, the ignition switch can be turned on to realize the function of clearing and adding the smart key.

■ PRODUCT FEATURES

- Key Emulator Toyota/Lexus Smart
- Time Saver on Programming
- Used on Various Chips

■ PARAMETERS

Battery	CR20253V 165mAh
Standby Current	Standby current<2A
Read & Write Frequency	125kHz
Status Indicator Lamp	lpc
Update	The simulation card firmware can be updated with KC100
Structure Size	66mm*40mm*12mm

X100PRO2

Compact Key Programmer

Lifetime Free Updates

X100 PRO2 includes functions of key programming and dashboard recovery. This equipment is anti-seismic and durable, which can meet the actual needs of different users such as automobile repair factory and workshop.

■ PRODUCT FEATURES

- Compact Key Programmer
- EEPROM Modifying
- Mileage Adjustment
- OBD2 Universal
- Free Updates

■ PARAMETERS

Monitor	320x480 dpi TFT color display screen
Ports	USB Type C, DB15
Operating temperature	-10℃-50℃
Storage temperature	-20℃-60℃
Appearance size	200×92×33mm
Net Weight	0.4kg

M822

Smart Key Programmer

Toyota 8A All Blade Key LostProgramming

M822 Communication Adapter is used for finishing all key lost programming for Toyotas with 8A chip blade keys. (H keys are not included)

This adapter is also integrated with the functions of M821 Adapter, which allows you to finish and optimize the process for all key lost programming for Mercedes-Benz with various FBS3 modules.

M822 Adapter needs to be used with advanced XTOOL Key Programming Devices.

■ PRODUCT FEATURES

- Support all keys lost for Mercedes-Benz (FBS3) & Toyota (8A non-smart key)
- Speed up calculation & easier data collection for Mercedes
- Get IMMO data by OBD or on bench for Toyotas

■ ACCESSORIES NEEDED

- XTOOL M822 Adapter (With 8A Cable)
- KC100 or KC501 Programmer(KC501 needed when working on Mercedes)
- KS-1 Emulator(when working on Toyotas)

■ CABLES

- ① Toyota 8A programming cable (OBD-method)
- ② Toyota 8A programming cable (Bench-method)
- ③ Mercedes-Benz AKL programming cable
- ④ Toyota 8A fuse-cable extender

■ DESCRIPTIONS FOR OTHER CABLES

Nissan 16+32 CGW Adapter for Sentra/Sylphy (B18)

- Used for key programming for 2019-2022 Nissan Sentra/Sylphy (B18 chassis)
- Bypass CGW controller inside vehicle systems

Ford Alarm Bypass Cable

- Solve the alarm activation issue when working on all-keys-lost situations on 2013+ Ford/Lincoln models
- Controls power on/off of the vehicle
- Get immobilizer data when alarm is active

FCA 12+8 SGW Adapter Cable

- Used for key programming for 2019+ Chrysler/Jeep/Dodge/other FCA models
- Bypass the gateway from the vehicle

03

KEY CUTTING MACHINE

Core Products

ANYCUT KNC91

ANYCUT KNC91

High Accuracy / High Speed / High Capability

Anycut KNC91 is the cutting-edged key cutting machine powered by XTOOL. This machine is capable of nearly all kinds of automotive keys, even with the high-security keys, Ford tibbe keys and keys made of special materials. Also, its vast database covers all kinds of key codes, cut profiles and lock codes, making it easier for finding missing cuts for ignition cylinders, or searching for missing keys.

Precision

With various cutters and high-end sensors, Anycut KNC91 can cut keys precisely within 0.01mm range.

Intelligent

Your key can be found easily within the database – with 300+ key blanks, 2,000+ models and numerous key codes.

Profession

Anycut KNC91 provides advanced functions like wear adjustments, key blank modifications, special key processing and much more.

Touch Screen · Adjustable Screen Stand · LED light · Protection Cover · Probe · Jaw · Emergency Switch · Cutter · Jaw Adjustment Knob · Dust Tray

◼ CLAMPS & JAWS

Jaw K4

Used for Side cuttings keys and inner groove keys.

Jaw K3_SX9

Applied for Citroen SX9 keys only.
Optional jaw; needs to buy separately.
Needs to be used with K2/K4.

Jaw_K3_FO21

Applied for Ford FO21 Tibbe keys only.
Optional jaw; needs to buy separately.
Needs to be used with K2/K4.

◼ PARAMETERS

Adapter Voltage (Input / Output)	100~240V / 26V DC	Working Temperature	-5~40℃
Minimum Power Consumption	150 W	Working Humidity	10~90%
Battery Capacity	55.5 Wh	Machine Size	251 x 421 x 318 mm
Screen Resolution	1024 x 600 px	Package Size	550 x 345 x 470 mm
Cutter Maximum Revolution Speed	12000RPM	Weight	17kg (Net.)/ 20 kg (Gross.)

ASCT-1000

Preciser & Faster Calibration

XTOOL Intelligent ADAS Calibration System covers mainstream high-end models on the market, and it's equipped with OE-level calibration parameters, supports common ADAS systems including ACC, LDW, AVM, BSM, NVS, etc. The XTOOL self-developed centering fixture clamp makes one-man operation feasible, centering process can be completed within 5 minutes, enhancing your calibration efficiency by 50%.

04

ADAS CALIBRATION

Core Products

XTOOL ASCT-1000 ADAS CALIBRATION SYSTEM

Intelligent ADAS Calibration

5-Minute Centering Process Millimeter-level Calibration

Support Systems

Volkswagen, Audi, Smart,Bmw, Mercedes-Benz, Toyota, Kia, Nissan, Mazda, Subaru, Hyundai, etc

Cover Mainstream High-end Models

Support Common ADAS Systems including ACC, LDW, AVM, BSD, NVS

Support Systems

Whole calibration efficiency can be enhanced by 50%, one-man operation is feasible

◾ ADAS Calibration Target

VW/Audi/Porsche – LDW Calibration Board

Mercedes-Benz – LDW Calibration Board

Mercedes-Benz Smart/ Renault/ Nissan/ Infinity – LDW Calibration Board

Nissan/ Infinity – LDW Calibration Board

VW/Audi/Porsche/B-MW/Nissan/Mitsubi-shi – ACC Radar Reflector

VW/Audi/Porsche /GM – Night Vision Calibrator

VW/Audi/Porsche Calibration Tools

Nissan Type 2 – AVM Calibration Mat

With Doppler Calibrator Installer For VW/Audi/Porsche

05

TPMS SERVICE

Core Products

TP150 / TS100

TP150

TPMS Diagnostic Tool

Universal TPMS Scanner
Support sensor activation, ID reading & writing and live tire pressure data

TP150 is a special inspection device launched by Xtool for the automotive tire pressure diagnosis market, which integrates tire pressure programming, tire pressure diagnosis, and tire pressure matching. It supports activation of 315MHz and 433MHz tire pressure sensors, can perform tire pressure diagnosis on thousands of models, and can wirelessly program 1-8 TS100 universal programmable tire pressure sensors, which makes it suitable for different models.

■ PRODUCT FEATURES

- Support TPMS Diagnosisfor 95% Models
- Dual-Frequency 315/433MHzSensor Detector
- Programming up to 8 TS100 Sensors at a Time
- Support Various Programming Methods

■ PARAMETERS

Display	320x480 dpi TFT colorful screen
battery capacity	3000mAh 3.7V lithium polymer battery
Communication	Wired
Interface	USB TypeC、DB15
Weight	0.4KG
Dimension (L×W×H)	200×92×33mm
Maximum charging current	1.2A

TS100

Programmable Universal Tire Pressure Sensor

Can be Activated & Programmed Unlimitedly

TS100 is a general-purpose programmable tire pressure sensor developed by Xtool. It can replace the original sensor of vehicles equipped with TPMS. About 99% of the models on the general market are suitable. It integrates 315MHz and 433MHz dual frequency. It can be activated, can be programmed unlimitedly, can be matched. It can monitor tire pressure in real time, which is perfectly built for your driving safety.

■ PRODUCT FEATURES

- 315/433MHz Dua Frequency
- Easily programmed by TP150/ TP200
- 3-5 Years Long Life Span
- Monitor Live Tire Pressure Data

■ PARAMETERS

Battery Life	≥5 years
Pressure monitoring range	±10kpa
Weight (except air tap)	13.8g
Shell material	PA66+GF33
Dimension	46.4x16.2x25mm

Rubber

AD20

AD20 PRO

■ INTRODUCTION

AD20
Advancer AD20 is a Smart OBD Dongle with an integrated diagnostic module and cloud services. Connected via Bluetooth, controlled by the smartphone. AD20 is a great tool for all vehicle owners. It Provides various functions like DTC scanning, Components tests, trip recording, driving skills monitoring, etc.

AD20 PRO
Advancer AD20Pro is a Smart OBD Dongle that communicates with a smartphone using Bluetooth. AD20Pro works the same with AD20, but it provides more useful functions like maintenance light reset as well as full-system diagnostics. Comparing to AD20, AD20Pro can check the DTC codes not only inside the engine, but also the chassis, transmission, suspension and more.

■ FEATURES

AD20
- Vehicle Diagnostic
- Live Data
- Maintenance Light Reset
- Trip Recorder
- Driving Behavior Monitor

AD20 PRO
- Full system diagnosis (read/clear code)
- Maintenance light reset repair
- Vehicle Diagnostic
- Live Data
- Driving Behavior Monitor

■ PARAMETERS

Processor	ARM Cortex-M4	ARM Cortex-M4
Interface	OBDII standard interface	OBDII standard interface
Bluetooth	Bluetooth	Bluetooth
Working Voltage	9V – 16V	9V–16V
Working Current	100mA | 12V	100mA | 12V
Sleeping Current	100mA | 12V	100mA | 12V
Working Temperature	–20~60℃	–20~60℃
Weight	~40g	~40g
Support Bus	CAN_BUS, K_LINE, L_LINE, SAE-J1580-VPW SAE-J1580-PWM	CAN_BUS, K_LINE, L_LINE, SAE-J1580-VPW SAE-J1580-PWM

■ FUNCTION LIST

	AD20	AD20 PRO
OBDII read&clear fault code	√	√
OBDII live data	√	√
Full system read&clear fault code		√
ECU Test (read&clear code)	√	√
Service light reset		√
Trip recorder	√	√
Driving Monitor	√	√
Smog Check	√	√
Throttle carbon build-up test	√	√
Battery test	√	√
Acceleration test	√	√
Smart Dashboard	√	√

06

OBD2 CODE READERS

Core Products

AD20 / AD20 PRO

DAIMLER	TOYOTA	DFSK	CHERY	BAIC	DAYUN	SGMW
SERES	nicigo	DIDI	MOBIKE	7MA	TAILG	BYVIN
LUYUAN	SEEYES	ZUBOO	ALIBABA	HUAWEI	BOSCH	TENCENT
CAI NIAO	ZTE	DingTalk	SUNRIVER	Mobvoi	MLOGIC	DJI

COOPERATIVE PARTNERS

XTOOL
Next Tool for Auto