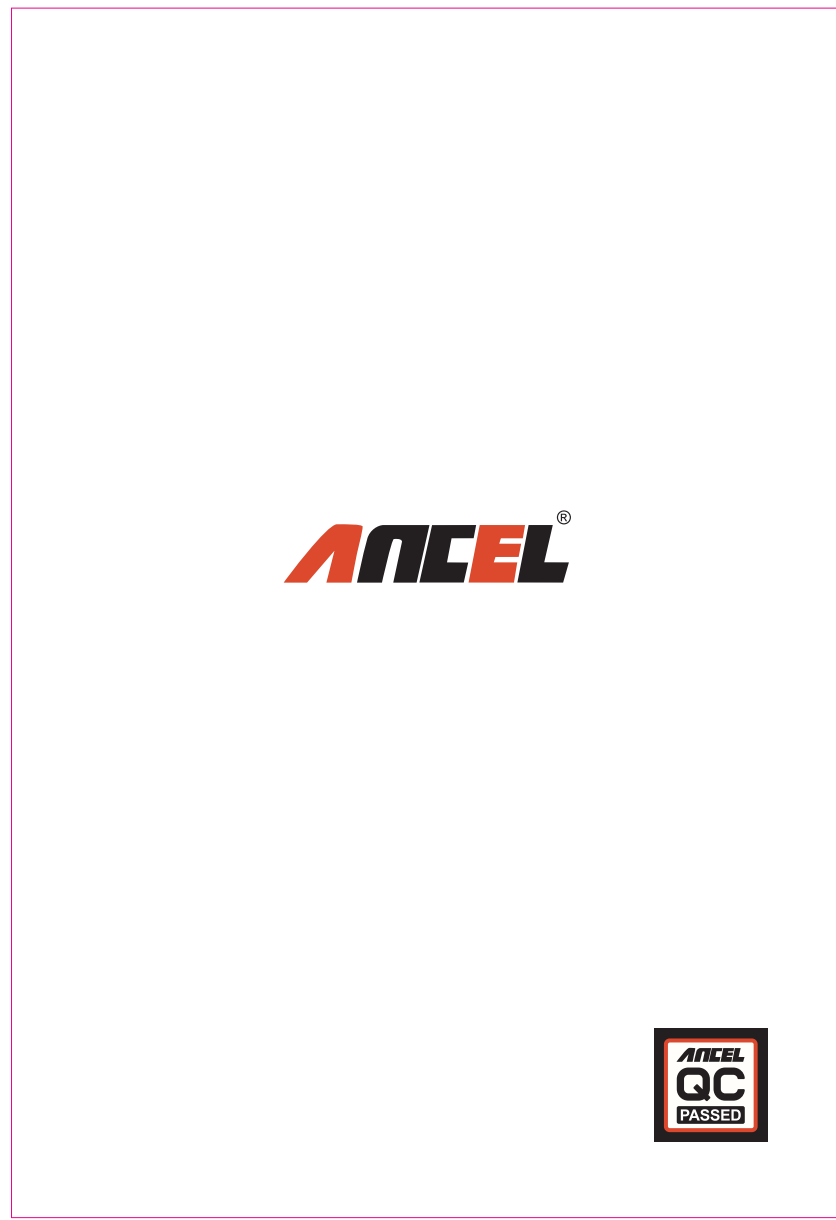
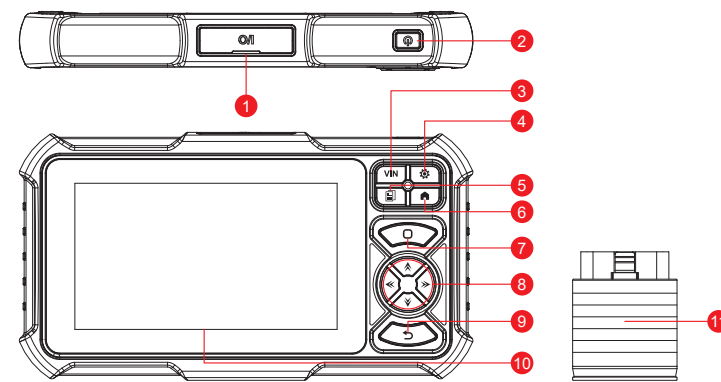




ANCEL DS300
User Manual



01 Product Overview



1. Charging Port: TYPE-C charging port & development system debugging USB port which can support USB device.
2. PowerScreen Lock Button: Long press for 3 seconds to turn on or off, single press to lock/unlock the screen.
3. VIN Button: Read vehicle VIN code shortcut button.
4. Settings Button: System settings shortcut button.
5. Report Button: Diagnostic report shortcut button.
6. Home Button: Switch to home page.
7. Custom Button: Press to custom.
8. Selection Buttons: Up, down, left and right direction selection.
9. Return Button: Return to the previous page.
10. Touch Screen: 7 inches touch screen (1284*720 resolution).
11. VCI: Vehicle Communications Interface, connect VCI to car OBD port for diagnosis.

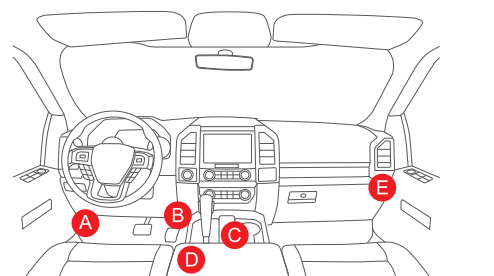
02 Technical Specifications

Product host
Environment: 0°C ~ 50°C (32°F ~ 122°F)
Storage Environment: -20°C ~ 60°C (-4°F ~ 140°F)
Working Voltage: 5V
Working Current: <2.5A

VCI
Working Voltage: 0-16V
Working Current: <1.30mA

Approved Protocols
SAE J1850 PWM, SAE J1850 VPW, ISO 9141-2 ISO, ISO 14226-4 KWP, ISO 15765-4 CAN

03 Connect the Ancel DS300 with your vehicle through the OBDII port



Usually, the OBD port is located under the dashboard, above the pedal on the driver's side. The first location shows the location for the power window control OBD port location.

04 Turn on the Ancel DS300



When the power button is long pressed and the product is turned on, the product interface above will be displayed.

05 Choose a language



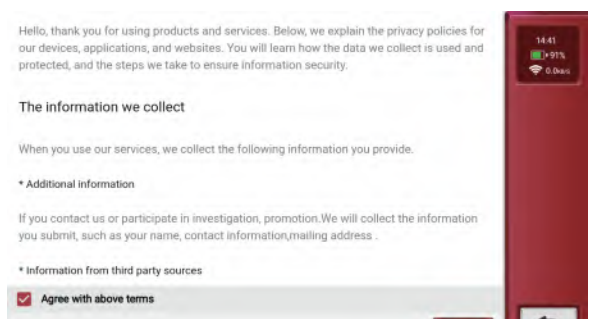
First, please select the language you need. After selecting, the operation page will display the language you selected.

06 Connect to Wi-Fi



The system will automatically search all available Wi-Fi networks and you can choose the "Wi-Fi" needed. Notice the "Wi-Fi" must be set before use.

07 Choose privacy agreement



Please read carefully and check the box to agree to the agreement. You need to agree to the agreement before you can use the product.

08 Functions Description



The Ancel DS300 home page has the following functions:

8.1 Autoscan:
Automatic scanning of car module VIN. Automatically identify vehicle make, model and year.

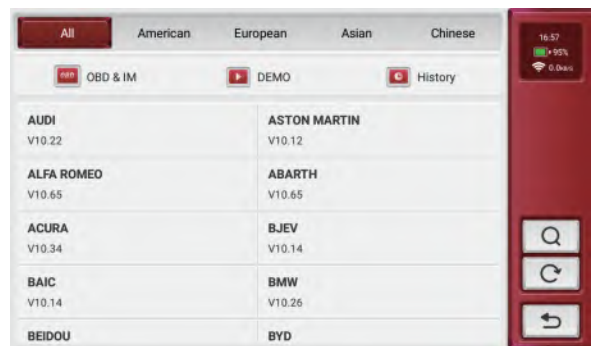


8.2 Diagnose:
Automatic scanning of car module VIN. Automatically identify vehicle make, model and year.

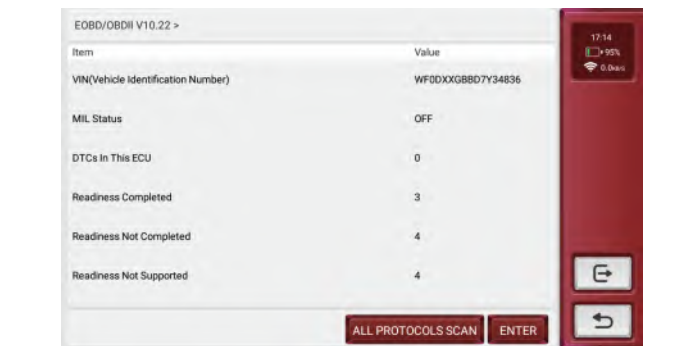
OBDSIM:
9 interconnected module diagnosis.

Demo:
Experience the diagnosis process through demo.

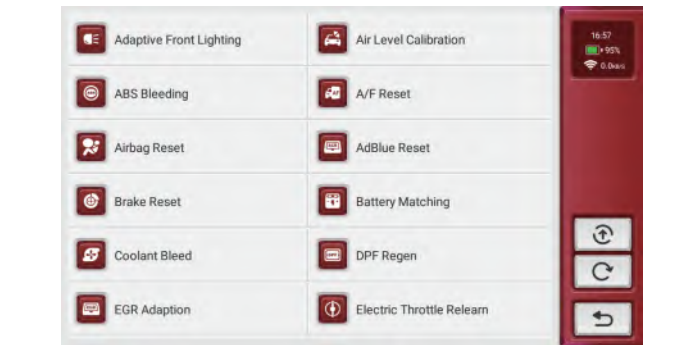
History:
Diagnostic records.



8.3 OBD:
Support OBDII and EOBD protocols after 1996. You can check the protocols supported by the vehicle.



8.4 Maintenance:
Real-time oil maintenance and reset functions, namely: Maintenance light reset, Steering angle reset, Battery charging, ABS oil reset, Vehicle stability, Brake pad reset, EPB adjustment, Anti-lock braking, steering coil, The pressure reset, Suspension level calibration, Headlight leveling, Directional steering, Speed of adaptation, CO2 emission, Gear Learning, OBD Reset, Airbag Reset, Transport Mode, AP Reset, StopStart Reset, VCI Sensor Reset, Airflow Reset, Exhaust Gas Reset, Exhaust Gas Flow, Fuel Calibration, Control Steering, Tire Reset, Windows Calibration and Language Setting.



8.5 File:
It is used to record and edit the file of the diagnosed vehicle. The files are created based on the vehicle VIN and the check item, including all diagnostic-related data such as diagnostic reports, data stream records and screenshots.

8.6 Consult:
OBD Fault Code Library:

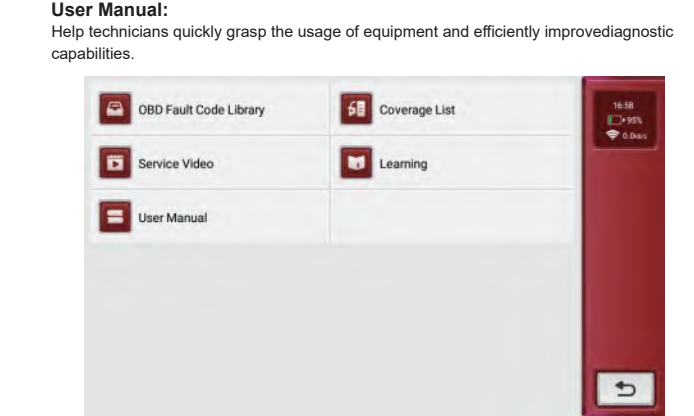
The OBD fault code prompted during the diagnosis process can be used to query the fault description.

Coverage Note:
Quickly check the modules and functions supported by the current device.

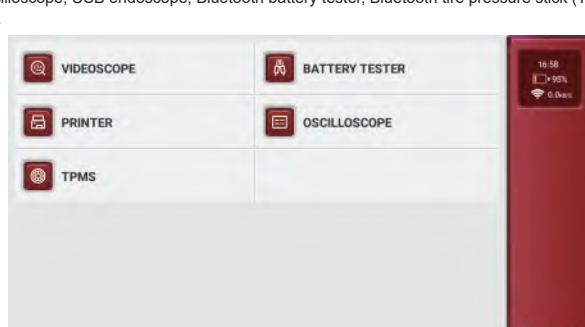
Learning:
Video online guidelines for equipment use, maintenance, and diagnosis.

Video:
The training course demonstrates how to operate the tool.

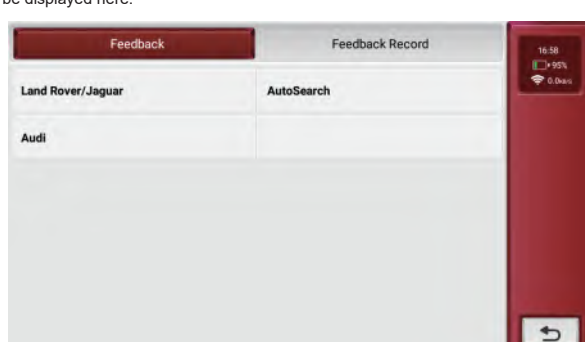
User Manual:
Help users learn quickly grasp the usage of equipment and efficiently improve diagnostic capabilities.



8.7 Module:
A variety of external function modules can be connected. For example, USB printer, USB oscilloscope, USB endoscope, Bluetooth battery tester, Bluetooth pressure stick (TPMS), etc.



8.8 Feedback:
If you use the built-in feedback function to us during the diagnosis process, the feedback record will be displayed here.



8.9 Update:
This module allows you to update the diagnostic software & App and not frequently used software. If you did not download the software at registration or some software is newly updated, you may use this option to download & not keep it synchronized with the latest version.



8.10 Settings:
Common system settings can be made here to modify and add information.

09 Settings

You can do some basic set up in this page, include Wi-Fi, screen brightness, language, time zone, and so on.

Feedback: You can feedback the diagnostic software/App bugs to us for analysis and improvement.

Update: This module allows you to update the diagnostic software & App and set up frequently used software.

Screen Brightness: Turn on this switch to take a screen capture.

Network: Set for connectable Wi-Fi network.

Language: Select the tool language.

Time zone: Choose the time zone of the current location, then the system will automatically configure the time according to the time zone you choose.

10 FAQ

Here we list some common questions and answers related to this tool.

1. Q: Why does it have no responses when connected to a vehicle?
A: Check whether the connection with the vehicle diagnostic port is proper, whether the ignition

12 RF exposure statement:

switch is on, and whether the tool supports the vehicle.

2. Q: Why does the system stop while reading the data stream?
A: This may be caused by loose diagnostic connection. Please unplug the connector and reconnect it firmly.

3. Q: Communication error with vehicle ECU?
A: Please confirm:
- Whether diagnostic connector is correctly connected.
- Whether ignition switch is ON.
- If all checks are normal, please send the vehicle year, make, model and VIN number to us by Feedback function.

4. Q: Why does the screen flash when the engine ignition starts?
A: It is normal and caused by electromagnetic interference.

5. Q: How to upgrade the system software?
A: 1. Click the tool and enter a stable internet connection.
2. Go to "Settings" -> "App Update" -> click "Check" and then click "check version" to enter the system software upgrade.

3. Complete the process by following the instructions on the screen step by step. It may take a few minutes. After successfully completing the upgrade, the tool will automatically restart and enter the main interface.

11 Warranty Terms

This warranty applies only to users and distributors who purchased ANCEL products through normal procedures. Within one year from the date of delivery, ANCEL warrants its electronic products for damage caused by defects in materials or workmanship. Damages to the equipment or components because of abuse, unauthorized modification, use for non-designed purposes, operation in a manner not specified in the instructions, etc. are not covered by this warranty. The compensation for accidental damage caused by the defect of the equipment is limited to repair or replacement. ANCEL does not bear any indirect and incidental losses. ANCEL will adjust the value of the equipment damage according to its prescribed inspection methods. No agents, employees or business representatives of ANCEL are authorized to make any confirmation, notice or promise related to this warranty.

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