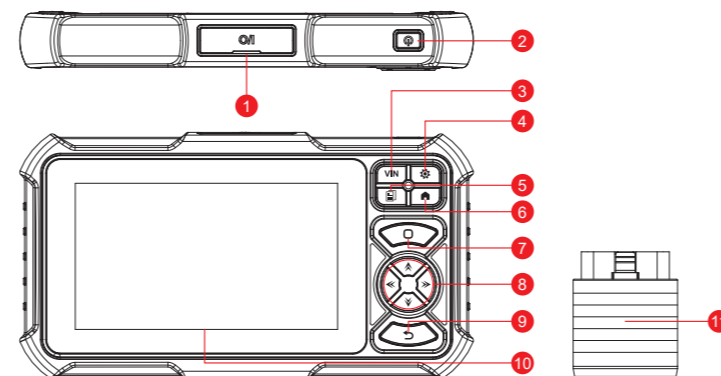


ANCEL®



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: Back 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*800 resolution).
11. VCI: Vehicle Communications Interface, connect VCI to car OBD port for diagnosis.

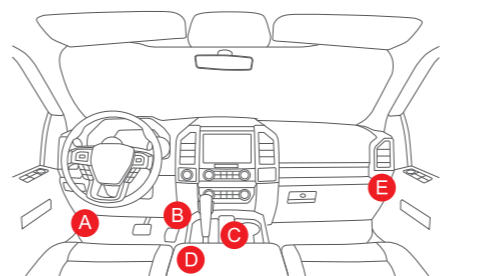
02 Technical Specifications

Product host
Environment: 0°C ~ 50°C (32°F ~ 122°F)
Storage Environment: -20°C ~ 60°C (-4°F ~ 140°F)
Working Voltage: 2V
Working Current: <2.5A

Supported protocols
SAE J1850 PWM, SAE J1850 VPW, ISO 9141-2 ISO, ISO 14226-4 KWP, ISO 15765-4 CAN

VCI
Working Voltage: 0-16V
Working Current: <1.330A

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 of the port in a common 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" network. Notice that "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.

ORDAM:

9 interconnected module diagnosis

Demo:

Experience the diagnosis process through demo.

History:

Diagnostic records



8.3 OBD:

Support OBD II 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 calibration, Vehicle stability, Brake pad reset, EPB adjustment,

Air duct cleaning, steering coil, The pressure reset, Suspension level calibration, Headlight

reset, Steering wheel, Steering wheel, Steering wheel, Steering wheel, Steering wheel, Steering wheel,

Antique Reset, Transport Mode, AP Reset, Stop/Start Reset, VCI Sensor Reset, Airflow Reset,

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8.6 Consult:

Consult the 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 documents quickly grasp the usage of equipment and efficiently interpret diagnostic

capabilities.

8.7 Module:

A variety of external function modules can be connected. For example, USB printer, USB

scope, USB oscilloscope, Bluetooth battery tester, Bluetooth tire 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:

The module allows you to update the diagnostic software & App and set frequently used

software. If you did not download the software at registration or some software is newly

updated, you may use the system to download & set keep synchronized with the latest version.



8.10 Settings:

Common system settings can be made here to modify and add information,

and so on.

Feedback: You can feedback the diagnostic software & App to us for analysis and improve-

ments.

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

used software.

Screen-Setting: Turn on the switch to take a screen capture.

Screen-Setting: Turn on the switch to take a screen capture.

Network: Set the network connection.

Power/Fuel: Check the power/fuel status.

Language: Select the 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 chose.

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:

Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two

conditions: (1) This device may not cause harmful interference, and (2) this device must accept any

interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital

device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable

protection against harmful interference in a residential installation. This equipment operates, uses

and can radiate radio frequency energy and, if not installed and used in accordance with the

instructions, may cause harmful interference to radio communications. However, there is no

assurance that interference will not occur in a particular installation. If the equipment does cause

harmful interference to radio or television reception, which can be determined by turning the

equipment off and on, the user is encouraged to try to correct the interference by one or more of

the following measures:

•Reorient the equipment or the receiving antenna.

•Increase the separation between the equipment and receiver.

•Connect the equipment into an outlet on a circuit different from that to which the receiver is

connected.

•Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by

CEDEFAZE TECHNOLOGY Co., Ltd.

may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized

modifications to this equipment. Such modifications could void the user's authority to operate the

equipment.

RF exposure statement

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