

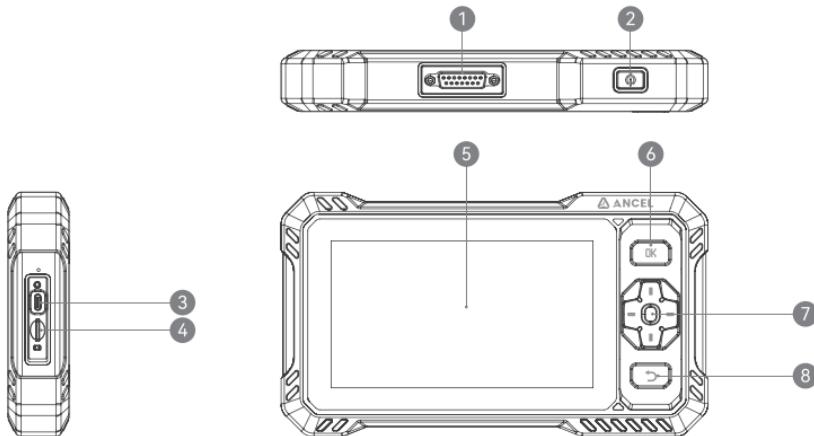


OBDSPACE TECHNOLOGY CO., LTD

## 01 Product Overview

ANCHEL FX6000&FX6100 are intelligent diagnostic devices powered by Android 8.1. Featuring both touch and button operation modes, they deliver exceptional, professional and comprehensive diagnostic functions, including DTC reading and clearing, real-time data reading, actuation tests, etc. The FX6000 diagnoses four Electronic Control Units(ECUs) in a vehicle, namely ECM, TCM, SRS, and ABS system. The FX6100 can diagnose all ECUs in a vehicle.

## 02 Components & Controls



- 1. Diagnostic Cable Interface:** Connect to vehicle's OBD port for diagnosis.
- 2. Power/Screen Lock Button:** Press and hold for 3 seconds to turn on or off; Press once to lock or unlock the screen.
- 3. Charging Port:** Type-C charging port for charging or data transmission.
- 4. TF card slot:** Expandable storage slot supporting up to 128GB.
- 5. Touch Screen:** 6.2-inch display for user interaction.
- 6. Direction button:** Control cursor movement for selection.
- 7. Confirm button:** Execute the selected function.
- 8. Return button:** Cancel the current action or return to the previous menu.

## 03 Technical Specifications

Screen: 6.2 inches

Resolution: 1024\*600 pixel

Working Environment: 0°C~50°C (32°F~122°F)

Storage Environment: -20°C~60°C (-4°F~140°F)

Working voltage: 9~18V

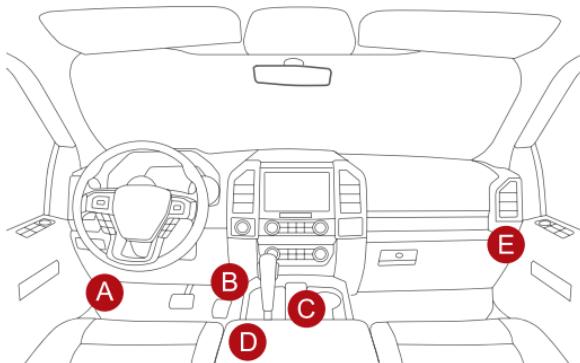
Working current: ≤1.2A

**Supported Protocols:** SAE J1850 PWM, SAE J1850 VPW, ISO 9141-2 ISO, ISO 14230-4 KWP, ISO 15765-4 CAN, CANFD.

## 04 How to Use

### 4.1 Connect the device to your vehicle through the OBDII port/Data Link Connector (DLC)

The DLC is typically a 16-pin port where diagnostic code readers interface with the vehicle's onboard computer. The DLC is usually located within 12 inches of the center of the dashboard, under or around the driver's side in most vehicles. If the connector is not under the dashboard, a label may indicate its location. In some Asian and European vehicles, the DLC is located behind the ashtray, which may need to be removed to access the connector. If you cannot find the DLC, refer to the vehicle's service manual for guidance.



## 4.2 Turn the vehicle ignition on.

*Note: It is not necessary to start the engine.*

## 4.3 Power on the FX6000/FX6100 device.

## 4.4 Once the Android system starts, set the language and Wi-Fi.

The device will then display the main interface. Select the desired function on the interface to access the corresponding diagnostic feature.

# 05 Functions Description

## 5.1 AutoSearch

Autosearch function can automatically read the vehicle's VIN number, and identifies the brand, model, and year. This allows you to quickly access the diagnostic functions directly without manual input. If the vehicle information cannot be read, you can enter it manually and continue the diagnosis.

## 5.2 Diagnose

The Diagnosis feature lets you manually select the vehicle's brand, model, and year to start the diagnostic process. This function is best used when you are familiar with the vehicle information. If unsure, it is recommended to use the Intelligent Diagnosis feature.

## 5.3 OBD

On-Board Diagnostics (OBD) is a system present in most modern vehicles that monitors and diagnoses the performance of various components. It enables mechanics and vehicle owners to access real-time data, making troubleshooting more efficient. OBD provides critical information about engine speed, fuel efficiency, emission levels, and sensor readings. Additionally, it detects and displays fault codes, allowing technicians to identify and resolve issues quickly.

Overall, OBD plays a vital role in vehicle maintenance, supporting optimal performance and reducing emissions. When you press the OBD button, the device will automatically initiate the connection. Once the connection is successful, you will enter the OBD diagnostic page.

## 5.4 File

The function allows you to record and save data, including diagnostic reports, data streams, and images for future reference and analysis.

## 5.5 Consult

The function enables you to access to a comprehensive Repair Info database, which includes DTC code libraries, vehicle coverage lists, and detailed user manuals.

## 5.6 Maintenance

The Maintenance menu includes commonly used maintenance and reset functions to assist with regular vehicle upkeep.

## 5.7 Customer Service

Pull down the task bar, find the customer service icon, click on it, and then human online customer service will appear to answer the questions you encounter during the use of the product.

## 5.8 Update

Use the Update function to check for and download new software and applications.

## 5.9 Feedback

If you encounter any unresolved issues or software bugs during diagnosis, you can use the Feedback function to send the last 20 diagnostic test records to our service team. Our team will analyze the data and troubleshoot the issue promptly to enhance the product and user experience.

## 5.10 Settings

The Settings menu allows you to customize the device according to your preferences. Configure options such as language, time zone, WiFi, business information, etc.

## 06 Q&A

Q: Why does the software upgrade fail?

A: Please check whether the device is stably connected to the internet.

Q: Why is there no power with the device after connecting it to the vehicle's DLC port?

A: Please check whether the device is securely connected and verify that the vehicle's ignition switch is turned ON.

Q: Why can't I access the vehicle ECU system?

A: Please check whether the vehicle is equipped with the system, whether the device is correctly connected, and whether the vehicle ignition switch is ON.

Q: Why does the system stop while reading the data stream?

A: This may be caused by loose connection. Please unplug the device and try again.

Q: Why does the screen flash when the engine ignition starts?

A: This is a normal occurrence caused by electromagnetic interference.

## 07 Warranty Terms

- The warranty is valid only for users who purchase ANCEL products through authorized channels.
- ANCEL provides a one-year warranty from the date of product activation, covering defects in materials or workmanship. The warranty period may be subject to adjustment in accordance with local laws.
- This warranty does not cover damage to the device or its components caused by misuse, unauthorized modifications, use for unintended purposes, or operation in a manner not specified in the manual.
- Compensation for damage to the dashboard caused by defects in this device is limited to repair or replacement. ANCEL will not be liable for any indirect or incidental damages.
- ANCEL reserves the right to determine the nature of any device damage based on its prescribed inspection methods. No agents, employees, or business representatives of ANCEL are authorized to make any confirmations, notifications, or commitments regarding ANCEL products without explicit authorization.

OBDSpace Technology Co., Ltd

Service Line: 0755-81751202

Customer Service Email: support@anceltech.com

Official Website: www.anceltech.com

Product tutorials, videos, Q&A, and coverage lists are available on the ANCEL official website.

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 generates, 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 guarantee that interference will not occur in a particular installation. If this 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 or relocate 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 OBDSPACE 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:

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device is installed and operated without restriction.