

DESCRIPTION:

YW-781 series is an instrument for testing the performance of car batteries in the car starting process, charging process and electrical load process. It can be used in car maintenance, battery production and other battery equipment testing or maintenance industries.

YW-781 series has multiple test items, including battery start-up capability, start-up system load, operating maximum load and charging system test. Among them, during the battery start-up capability test, the instrument will give a reminder based on the voltage, internal resistance, performance and life of the battery under test. The user can refer to the reminder to replace the battery or recharge the battery.

YW-781 series has the functions of self-checking prompt for abnormal conditions, reverse connection protection of input signal wires and over-high input voltage protection. During the test, if the battery voltage is too high, too low, or the test clip is in poor contact, the instrument will give corresponding prompts.

YW-781 series screen is a large dot matrix LCD screen with backlight. Even in a dark environment, users can easily read the measurement results.

FEATURES:

- Four-wire Kelvin test connection
- A variety of test items
- Self-check prompt function
- Overvoltage protection
- Anti-reverse connection protection
- Large screen LCD display
- Shock and drop protection

APPLICATION:

- Car battery production
- Car battery distribution
- Car repair



YW-781 Series Battery System Detector

NOTE:

- Please operate the instrument correctly and use it under the conditions specified in the technical parameter table.
- There is no battery inside the instrument, and power is drawn from the battery under test.
- Do not use or store this instrument in high temperature, high humidity, flammable and explosive environments.
- When the instrument has malfunctions (such as damage, deformation or incomplete display), please stop using it immediately.
- Before using, please confirm that the insulation layer of the test clip is intact, and that there is no damage, exposure, or disconnection.
- Battery poles, terminals and other accessories may contain lead or lead compounds, etc. Please clean with water after contact.
- Batteries contain dangerous chemicals that can cause burns or explosions.
- Even if the car battery voltage is lower than the safe voltage, you should still avoid touching the test clips when measuring to prevent the risk of electric shock.
- When testing or repairing the car, please wear qualified eye masks to prevent foreign matters from flying into the eyes from the engine.
- Please operate and maintain the car in a well-ventilated environment to prevent inhalation of toxic gases.
- When repairing the car, pay attention to the warnings, precautions and maintenance procedures of the car manufacturer.

WARNING:

- No private disassembly !
- Strictly prevent strong electricity, electrostatic shock !

TECHNICAL PARAMETER:

Model	YW-781	YW-781-A
Detect battery type	12V/24V start-up lead-acid battery AGM/EFB start-stop battery	12V start-up lead-acid battery AGM/EFB start-stop battery
Battery capacity	30~200Ah	
CCA measurement	100~2000	
Voltage measurement	9~35V	
Measurement method	Four-wire Kelvin test connection	
Operating temperature	-10~50℃	
Storage temperature	-20~60℃	
Protection level	IP40	
Dimensions	180*95*37mm	
Material	Shell: ABS; Protective cover: TPU	
Weight	About 316g	