



### Product Function

Reverse breakdown voltage testing of unidirectional and bidirectional TVS diodes (transient suppression diodes).

### Product features

1. The tester equip with touch colorful screen, display with voltage threshold input, qualified judgement, test result, real-time voltage/current display, measurement record usage, battery power display, test record display and test record operation.
2. Test the TVS diodes "reverse breakdown voltage" to ensure the product performance.
3. Equip with rechargeable large capacity lithium battery.
4. With qualified range setting, qualified judgment mode.
5. With test result record function, large capacity data storage and USB data upload function.

### Technical Specification

#### 1. Range and Measurement Accuracy

Test Function	Range	Accuracy	Resolution	Application range
Voltage Test (DC)	0~50V	±5%FS	0.01V	Test current of TVS diode is 1mA
	50V~100V			
	100V~200V			
	200V~400V			

(Note: 23°C±5°C, below 75%RH)

#### 2. Others Technical Parameters

Power Supply	External power adapter to power supply: AC110V~240V convert to DC12V
Built-in Battery	Rechargeable lithium battery: DC7.4V 2600mAh, repeat charge around 1000 times Full battery continue working about 6hours
Voltage Range	0V~400V
Data Storage	Storage 1000 groups test record for each gear
Test Record Query	Support test record query and operate
Communication Mode	Serial port communication
Display Mode	5-inch TFT color touch screen
Host Dimension	212mmX175mmX85mm
Weight	2.09kg (include accessories)
Short Circuit Protection	When the tester output terminal is short circuit will stop output automatically to protect the tester and the safety of the worker
LCD Display	Real-time voltage and current data, display the test results after the test is finished, and the measurement record, battery power and other information
CHARGE Indicator	Charge indication light, when charging, the charger indicator light on red, full charge light on green
Working Indication Light	When the user clicks the start button on the screen, the meter starts to output voltage and the blue indicator lamp lights up. After the test complete, the lamp goes out.
Accessories	Host: 1PCS; Test lines: 2PCS; Alligator clip: 2PCS; Pen probe: 2PCS; Charger: 1PCS; USB communication cable: 1PCS; Tool bag: 1PCS