

# Battery Impedance Tester

TM-6001 USB Interface

4 mΩ / 150mA



NEW USB

Impedance Voltage Temp. DCA

### Applications and features

- Ideal tester for automotive, UPS maintenance and telecommunication applications
- Quick response time
- Simultaneously display the results of battery impedance, voltage measurements
- Support the comparator function to rate the conditions as pass, warning or fail

### Specifications

- Resistance range: 4mΩ~400Ω (measuring frequency : 1KHz±30Hz)
- Voltage range: 6.000V/60.00V
- Comparator: voltage, impedance
- K type thermocouple: -50°C~400°C
- Max. voltage measurement: 60VDC (battery checker)
- Comparator : 0~99 records. For battery internal impedance, voltage
- USB interface datalogger with 9999 records capacity
- Power supply: 1.5V AA alkaline battery x 6 pcs

### Accessories

- User's manual
- Carrying case
- Clip type test leads set
- Software CD
- Adapter AC 100~240V to DC 9~12V/1A
- USB cable
- AC/DC Transducer (optional)

Measuring Frequency: 1KHz ±30Hz  
Impedance

Range	4mΩ	40mΩ	400mΩ	4Ω	40Ω	400Ω
Resolution	1μΩ	10μΩ	100μΩ	1mΩ	10mΩ	100mΩ
Current	150mA		15mA	1.5mA	150μA	15μA
Accuracy	± (3% reading+20 dgt.)		± (0.8% reading+10 dgt.)			

### Voltage

Range	6.000V	60.00V
Resolution	1mV	10mV
Accuracy	± (0.1% reading+10 dgt)	

### Temperature

	NTC	K Type
Range	-20°C~60°C (-4°F~140°F)	-50.0°C~400.0°C (-58.0°F~752.0°F)
Resolution	0.1°C / 0.1°F	0.1°C / 0.1°F
Accuracy	±1°C / ±1.8°F	±(1%+1.0°C) / ±(1%+1.8°F)

DC Current (TM-1104) (optional) For the detailed functions please refer to page 46

Range	Sensitivity	Resolution	Accuracy
700A	0.6A~700.0A	0.1A	±(2.0% reading +5 dgt.)