

## BATTERY TESTERS

- 5-inch LCD touch screen display
- AC four-terminal method sampling for more accurate test result
- Simultaneously measure resistance and voltage
- Supports storing data and saving screenshot with a USB flash drive
- High sampling rate and standard multiple communication interfaces suitable for automated testing



9657-1000



Kelvin test lead (included)



test probe (optional)

### SPECIFICATION

Code		9657-80	9657-200	9657-400	9657-800	9657-1000
Range	voltage	8V/80V	8V/80V/200V	8V/80V/400V	8V/80V/800V	10V/100V/1000V
	resistance	3mΩ/30mΩ/300mΩ/3Ω/30Ω/300Ω/3000Ω				
Range mode		auto range, manual range, nominal range				
Calibration		short circuit clearing for full ranges				
Test speed		slow: 4t/s, medium: 8t/s, fast: 20t/s, exfast: 55t/s				
Comparing method		absolute tolerance, percentage tolerance, direct-reading comparison				
Trig		internal and external				
Interface		RS232/RS485/USB DEVICE/LAN interface, support SCPI and Modbus agreement				
Power supply		AC: 100V~240V, 50~60Hz				
Dimensions (L×W×H)		307×265×105mm				
Weight		2.8kg				

### RESISTANCE SPECIFICATION

Range		3mΩ	30mΩ	300mΩ	3Ω	30Ω	300Ω	3000Ω
Maximum display		3.1000mΩ	31.000mΩ	310.00mΩ	3.1000Ω	31.000Ω	310.00Ω	3200.0Ω
Resolution		0.1μΩ	1μΩ	10μΩ	100μΩ	1mΩ	10mΩ	100mΩ
Measurement current		100mA	100mA	10mA	1mA	100μA	10μA	1μA
Frequency of measurement current		1kHz						
Accuracy	slow	±(0.5%rdg+10dgt)		±(0.5%rdg+5dgt)				
	medium	±(0.5%rdg+15dgt)		±(0.5%rdg+10dgt)				
	fast	±(0.5%rdg+20dgt)		±(0.5%rdg+10dgt)				
Temperature coefficient		±(0.05%rdg+1dgt)/°C		±(0.05%rdg+0.5dgt)/°C				

### VOLTAGE SPECIFICATION

Range		8V	80V	200V/400V/800V
		10V	100V	1000V
Resolution		10μV	100μV	1mV
Accuracy	slow	±(0.01%rdg+5dgt)		
	medium	±(0.01%rdg+7dgt)		
	fast	±(0.05%rdg+7dgt)		
Temperature coefficient		±(0.001%rdg+0.5dgt)/°C		

### STANDARD DELIVERY

Main unit	1 pc
Kelvin test lead	1 pc
RS232 cable	1 pc
HANDLER connector	1 pc

### OPTIONAL ACCESSORY

Test probe	9657-TL01*
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\* The test probe (9657-TL01) included for 9657-400/800/1000