Resistance Tester

Multi-channel DC Resistance Meter
TR-2600 Series

▷ **Product description:**

Multi-channel DC resistance meter, excellent performance, for testing relay contact resistance, interconnection resistance, PCB resistance, temperature compensation and conversion functions, making the test without the impact of the ambient temp., and the offset voltage compensation effectively limits the voltage of the DUT. The automation of the contact potential in the production line can be greatly improved by realizing ultra-high testing speed and outputting 3 signals. Compare the results through the HANDLER interface

Features

- The maximum sampling rate is about 12ms/second channel
- Maximum resistance accuracy: 0.05%, minimum resolution: 10μΩ
- R, LPR, T and other test function combinations
- Low voltage test mode, effectively protecting the device under test
- Offset voltage compensation function (OVC)
- User self-calibration function (OADJ)
- Stand-alone mode and scanning mode can be switched at will, realizing dual use of one machine
- Screen capture function, data recording and parameter saving function
- Each channel can independently set the sorting boundary and Handler sorting results
- Instrument firmware can be upgraded via USB HOST
- Handler interface is used to implement online operations
- Support 100 sets of internal parameter files

- Basic temperature accuracy: 0.2°C
- Support up to 30 channels of scanning
- Supports PT100 and PT500 temperature sensors
- Temperature compensation function (TC)

Ordering Informations

TR-2604 : 4 channels, 10μΩ ~ 300kΩ DCR Meter

TR-2610 : 10 channels, 10μΩ ~ 300kΩ DCR Meter

TR-2620 : 20 channels, 10μΩ ~ 300kΩ DCR Meter

TR-2630 : 30 channels, 10μΩ ~ 300kΩ DCR Meter

Standard Accessories :

- User Manual
- Power cord
- Four-terminal Test Lead
- PT100 Temperature sensor
- Four-terminal Test scanning Test Lead

Specifications

Model		TR-2604	TR-2610		TR-2620		TR-2630
Display		24-bit color RGB true color TFT LCD display with resolution of 480x272					
Number of Reading		45 bit					
Number of channel		4	10		20		30
Test Mode		Stand-alone mode, Scanning mode					
Measurement Range		10μΩ ~ 300kΩ					
Resistance Range		200mΩ	2Ω	20Ω	200Ω	2kΩ	20kΩ	300kΩ
Test Current		1A	100mA	10mA	1mA	100μA	100μA	10μA
Basic Accuracy		0.05% (For more information , please refer to the instruction manual)					
Resistance Meas. Time		Fast : 12mS Med : 27mS Slow 1 : 120ms Slow 2 : 244ms/channel					
Temp. Meas. Time		30 ± 10mS					
Test Terminal		4-Wire					
Low Voltage Measurement		Open circuit voltage : ≤40mV Effective range : 2Ω/ 20Ω/ 200Ω/ 2kΩ					
Thermo Electromotive Force Elimination		√					
Save meas. setting parameter		100 groups					
Tempertaure Measurement		Sensor : Pt100, Pt500, Range –10°C ~ 299.9°C, Display range : –99.9°C ~ 999.9°C					
Other Functions		Temperature compensation function					
Comparator	Model	Single channel and 30 channels separate settings					
	Signal Output	HI/IN/LO					
	Beep	Beep mode : OFF, IN, HI/LO					
	Limit setting Method	Absolute upper/lower limits, Percentage upper/lower limit + nominal value					
Interface		USB Deivce, USB Host, RS232, LAN, HANDLER, GPIB					
Working Environment		Tempertaure : 0 ~ 40°C, Humidity : ≤80%RH					
Storage Environment		Tempertaure : –10 ~ +40°C, Humidity : ≤90%RH					
Input Power		99 ~ 240Vac 47.5 ~ 63Hz					
Dimension (WxHxD)		215x88x335 mm.					
Weight		3.6 kg.					