

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

- o The maximum sampling rate is about 12ms/second channel
- $\, \odot \,$ Maximum resistance accuracy: 0.05%, minimum resolution: 1 $\mu \Omega$
- R, LPR, T and other test function combinations
- o 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



TR-2620 (Rear panel)

- 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

 $\label{eq:transform} \begin{array}{l} \textbf{TR-2604} &: 4 \mbox{ channels}, 1\mu\Omega \sim 2M\Omega \mbox{ DCR Meter} \\ \textbf{TR-2610} &: 10 \mbox{ channels}, 1\mu\Omega \sim 2M\Omega \mbox{ DCR Meter} \\ \textbf{TR-2620} &: 20 \mbox{ channels}, 1\mu\Omega \sim 2M\Omega \mbox{ DCR Meter} \\ \textbf{TR-2630} &: 30 \mbox{ channels}, 1\mu\Omega \sim 2M\Omega \mbox{ DCR Meter} \end{array}$

Standard Accessories :

- User Manual
- Four-terminal Test Lead PT100 Temperature sensor

• Power cord

• Four-terminal Test scanning Test Lead

Q Specifications

Model		TR-2604		TR-26	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	10			20			30		
Test Mode		Stand-alone mode, Scanning mode											
Measurement Range		1μΩ ~ 2ΜΩ											
Resistance Range		20mΩ	200mΩ	2Ω	20Ω	2000	2	2kΩ	20kΩ	200k	2ΜΩ		
Test Current		1A	1A	100mA	10mA	1mA		100µA	100µA	10µA	1μA		
Basic Accuracy		0.1% 0.5% 0.2%											
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		\checkmark											
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											
	Model	Single channel and 30 channels separate settings											
Comparator	Signal Output	HI/IN/LO											
	Веер	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		36 kg											