TESSIO TECHNOLOGY LTD.

Insulation Resistance Tester

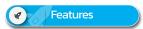
High-Insulation Resistance Meter TR-2683 Series

> Product description:

TR-2683 series Insulation resistance meter, LCD display dual test function, resistance/leakage current in one instrument, measuring the insulation properties of electronic components and components (especially capacitance), dielectrics, materials, devices, wires, cables, etc., and also has a sorting output and external single pulse signal input interface, making it easy for pipeline operation. The instrument has a powerful anti-interference ability, which makes the measurement more reliable.



TR-2683



- 4.3-inch 24-bit true color LCD screen with 480×272 resolution
- Soft switching function
- Insulation resistance and leakage current dual display
- Clear function
- Contact check function for capacitive materials
- Faster test: 30ms/time
- Programmable sequential test mode
- o 6 ranges, manual or automatic mode
- Four-level comparison function: three levels are qualified, one level is unqualified
- 20 sets of internal files, support USB file access
- The measurement results can be saved in a USB flash drive.
- Screen capture function, data recording function
- Automatically upgrade system firmware via USB flash drive
- Foot switch trigger function



 $\begin{tabular}{ll} $\textbf{TR-2683A}: 10k\Omega \sim 10T\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683B}: 10k\Omega \sim 5T\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683C}: 100k\Omega \sim 1T\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 500M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 500M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100k\Omega \sim 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}: 100M\Omega & Insulation Resistance Meter \\ $\textbf{TR-2683D}:$

Standard Accessories:

- User Manual
- Power cord
- Three-terminal Test cable



		TR-2683A	TR-2683B	TR-2683C	TR-2683D
Resistance	Measuring Range	10kΩ ~ 10TΩ	10kΩ ~ 5TΩ	100kΩ ~ 1TΩ	100kΩ ~ 500GΩ
	Accuracy	±5%			
Current	Test Range	Range 1 : $100\mu A \sim 1mA$, input internal resistance : $10k\Omega$			
		Range 2: 10μ A ~ 100μ A input internal resistance : $10k\Omega$			
		Range 3: 1 μ A ~ 10 μ A input internal resistance : 10k Ω			
		Range 4: 100 nA ~ 1 μ A, input internal resistance : 10 k Ω			
		Range 5 : 10nA \sim 100nA, input internal resistance : $IM\Omega$			
		Range 6 : $lnA \sim 10nA$, input internal resistance : $lm\Omega$			
Voltage	Test Range	1V ~ 1000V	1V ~ 500V	10V ~ 1000V	10V ~ 500V
	Accuracy	$1\% \pm 1V$ when voltage ≥ $10V$ and $10\% \pm 0.1V$ when voltage < $10V$			
Current Limit		10mA			
Swtich		Manual open or close on the front panel or via the built-in timer control or remote control			
Charging Time		0 ~ 999s, programmable			
Measure Delay		0 ~ 999s, programmable			
Test Speed		Fast : ≤30mS Slow : ≤60ms		Fast : ≤90mS Slow :≤180ms	
Comparaotr Function		4 Bin (3 Bin is PASS, 1 Bin is Fail)			
Range Mode		Automatic, Hold			
Memory		20 groups internal memory, USB flash drive			
Interface		RS-232C, USB Deivce, USB Host, HANDLER			
Working Environment		Tempertaure : 10°C ~ 40°C, Humidity : ≤90%RH			
Storage Environment		Tempertaure: -10 ~ +40°C, Humidity: ≤90%RH			
Input Power		198 ~ 242Vac, 50Hz			
Power Consumption		50VA			
Dimension (WxHxD)		215x88x335 mm.			
Weight		3.6 kg.			