

DC Resistance Tester

F. TH2681/TH2681A Insulation Resistance Meter

Features

- General insulation resistance meter
- Test voltage range: 10V to 500V (TH2681)
Test voltage range: 10V to 1000V (TH2681A)
- Analog indicator
- High measurement speed
- Suitable for capacitor insulation test
- Easy operation



TH2681/TH2681A

Brief Introduction

■ TH2681/TH2681A is a general purpose insulation resistance meter with analog indicator used to measure insulation features of various kinds of electronic components, media materials, and the complete set, etc. Th2681/Th2681A offers fast measurement speed, high stability, easy operation and comparator function. Th2681/TH2681A is ideal for incoming inspection of components, quality control of product line and laboratory use.

General Specifications

Operating temperature & humidity		0°C - 40°C, ≤90%RH
Power supply	Voltage	198V - 242V
	Frequency	47.5Hz - 63Hz
Power consumption		≤ 30VA
Dimensions (W×H×D)		270mm×135mm×305mm
Weight		Approx. 4kg

Specifications

Measurement Range	TH2681	100 kΩ – 5 TΩ
	TH2681A	100 kΩ – 10 TΩ
Accuracy	<10GΩ: ± 3% of reading ± 0.5 division	
	≥10GΩ: ± 6% of reading ± 0.5 division	
	≥1TΩ: ± 10% of reading ± 0.5 division	
Test Voltage	TH2681	10V, 25V, 50V, 100V, 250V, 500V
	TH2681A	10V, 50V, 100V, 250V, 500V, 1000V
Voltage accuracy	± 2%	
Control Mode	Analog Circuit	
Display Mode	Analog Meter	
Range Mode	Manual	
Measurement speed	Resistance: < 0.5 second	
	Capacitance: 0.5 – 10 seconds	
Comparator	PASS and FAIL, FAIL Alarm (ON/OFF available)	
Comparator Setup Range	1.0 - 9.9×Voltage Ratio× Range Ratio MΩ	

Ordering Information

TH2681 Insulation Resistance Meter
TH2681A Insulation Resistance Meter

Instrument Accessories

TH26004B 2 terminal test clip leads

Options

TH26002 Insulation resistance test fixture