

Component Parameter Test Instruments

A. TH2775B Inductance Meter

Features

- Improved middle-class inductance meter
- Easy operation and strong functions combination
- Good readout stability
- Up to 15 meas/sec test speed
- Key lock function
- Optional 30Ω and 100Ω signal source output impedances
- RS-232C and HANDLER interface
- Optional operation software



TH2775B

Brief Introduction

■ TH2775B is a general purpose inductance meter with 4 test frequencies, 3 signal voltage levels and strong functions. So it can be used for incoming inspection of components, quality control of product line and laboratory use. HANDLER and RS232C interfaces make it easy to build an automatic component test system, communicate with the computer and record test results.

General Specifications

Operating Temperature and humidity		0°C - 40°C, ≤90%RH
Power	Voltage	198V - 242V
Requirements	Frequency	47.5Hz - 52.5Hz
Power Consumption		≤ 20VA
Dimensions (W×H×D)		350mm×110mm×340mm
Weight		Approx. 3.5kg

Specifications

Test Parameter	L-Q, R-Q,	
Test Frequency	100Hz, 120Hz, 1kHz, 10kHz	
Test level	0.1Vrms, 0.3Vrms, 1Vrms	
Basic Accuracy	0.1%	
Measuring speed	Fast: 15 meas/sec, Slow: 4.5 meas/sec	
Equivalent Circuit	Series and Parallel	
Mathematical function	Δ%	
Ranging Mode	Auto and Hold	
Trigger Mode	Internal, Manual and External	
Correction Function	Open and Short sweep Zeroing	
Measurement Terminals	5 Terminals	
Display Mode	Direct, Δ%	
Output impedance	30 Ω , 100 Ω Selectable	
Display Range	R	0.0001Ω – 99.999MΩ
	L	0.01μH – 99999H
	Q	0.0001 – 9999
	Δ%	-9999% – 9999%
Comparator Function	4 Bins , P1 alarm or 2 Bins, Pass Alarm	
Interface	RS-232C, Handler	

Ordering Information

TH2775B Inductance Meter

Instrument Accessories

TH26001	4 terminal test fixture
TH26011	4 terminal Kelvin test clip leads
TH26010	Gilded shorting plate

Options

TH26005A	4 terminal test fixture
TH26006	Axial component test fixture
TH26007A	Core inductor test fixture
TH26008A	SMD component test fixture
TH26009B	SMD Kelvin test tweezers
TH26004-1	4 terminal Kelvin test clip leads
TH12013	RS232C control software