

Component Parameter Test Instruments

C. TH2618B Capacitance Meter

Features

- Good testing stability
- Strong protection against electrical shock
- Reasonable function configuration
- Fixed output impedance, suitable for ceramic capacitor
- Keyboard lock function
- RS-232C interfaces
- HANDLER interfaces
- Optional operation software



TH2618B

Brief Introduction

■ TH2618B is a high accuracy capacitance meter with wide measurement range, easy operation and perfect functions. TH2618B provides up to 10 kHz typical measurement frequencies and 4 bins comparator. TH2618B is especially suitable for product line fast measurement. This instrument offers strong protection against electrical shock of charged capacitor which has bothered the users before. The perfect HANDLER interface makes it easy to build an automatic component test system.

Specifications

Measurement function	
Test parameters	C-D, R-D
Basic accuracy	0.1%
Equivalent circuit	Series and Parallel
Ranging Mode	Auto and Hold
Trigger Mode	Internal, Manual and External
Measuring speed(meas/sec)	Fast: 15, Slow: 4.5
Correction Function	Open and Short Zeroing

Measurement Terminals	5 Terminals	
Display Mode	Direct, Δ%	
Test Frequency	100Hz, 120Hz, 1KHz, 10KHz	
Output impedance	30 Ω , 100 Ω	
Test level	0.1Vrms, 0.3Vrms, 1Vrms	
Measurement display range		
Display Range	R	0.0001 Ω — 99.999 MΩ
	C	0.01 pF — 99999 μ F
	D	0.0001 — 9.999
	Δ%	0.00% — 9999%
Comparator and interface		
Comparator Function	4 bins, P1 alarm Or 2 bins, Pass alarm.	
Interface	RS-232C, Handler	

General Specifications

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

Ordering Information

TH2618B Capacitance Meter

Instrument Accessories

TH26001	4 terminal test fixture
TH26004-1	4 terminal Kelvin test clip leads
TH26010	Gilded shorting plate

Options

TH26005	4 Terminal test fixture
TH26006	Axial lead component test module (used with TH26005)
TH26008	SMD component test fixture
TH26009	SMD Kelvin test tweezers
TH26011	4-terminal Kelvin test clip leads
TH12012	RS232C control software