

Component Parameter Test Instruments

C. TH2615F High Value Capacitance Meter

Features

- Unique high value capacitor measurement technique
- Super wide capacitance measurement range
- Advanced 4 Terminal-Pair measurement method
- Simple operation
- Good reading stability
- Well designed input protection against charged capacitor



TH2615F

Brief Introduction

■ TH2615F is a high accuracy capacitance meter specially designed for testing high value capacitors. TH2615F measures parameter C, D, ESR and $|Z|$ of a capacitor. So it can be used for incoming inspection, quality control of product line and laboratory precision measurement use.

General Specifications

Operating Temperature And Humidity		0°C - 40°C, ≤90%RH
Power Requirements	Voltage	198V - 242V
	Frequency	47.5Hz - 52.5Hz
Power consumption		≤ 25VA
Dimensions (W×H×D)		350mm×110mm×340mm
Weight		3.9kg Approx.

Specifications

Test parameter	C-D, R-D, $ Z $ -D	
Test Frequency	100Hz, 120Hz	
Test level	0.3Vrms	
Basic Accuracy	C: 0.25% D: 0.0015	
Display Range	R, $ Z $	0.01mΩ - 10kΩ
	C	0.01μF - 16F
	D	0.0001 - 9.999
	Δ%	0.01% - 9999%
Measuring Speed	2 meas/sec	
Equivalent Circuit	Series and Parallel	
Ranging Mode	Auto and Hold	
Correction Function	Short Zeroing	
Measurement Terminals	4 Terminal-pair	
Display mode	Direct, Δ%	
Comparator Function	HI, LO, DNG and PASS(with beeper alarm) indications	

Ordering Information

TH2615F High Value Capacitance Meter

Instrument Accessories

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

Options

TH26004-1	4 terminal Kelvin test clip leads
TH26005	4 terminal test fixture
TH26006	Axial lead component test module (used with TH26005)
TH26008	SMD component test fixture
TH26009	SMD Kelvin test tweezers