

Transformer Tester

Transformer Tester

5435/5436/5437/5438



Key Feature

- Basic Accuracy up to 0.1%
- Support computer software connection and advanced software editing function
- Support open/short circuit calibration function
- Test 30 items per second, elevate productivity significantly through auto-scan function
- Paired with a 48-pin fixture for multi-pin network communication transforme
- Optional 100mA DC Bias / Meter Mode function (5437/5438)

Accessory

Standard

- Power cord
- User manual CD
- 48 Channels Scan Box (F5248)
- D-Sub Footswitch
- 5437/5438 BNC Kevin Clips (F423501)

Optional

- Transformer Test Link Software
- RS-232 Cable
- Handler Box

General

Power Supply	90Vac ~ 125Vac or 190Vac ~ 250Vac / 48Hz ~ 62Hz
Display	320*240 dot-matrix display
Interface	RS-232 、Handler (option) 、USB (option)
Flash Memory	60 Sets
Operation	Auto 、Manual 、Remote Trigger
Environment	Temperature : 10 ~ 40℃ / Humidity : 20 ~ 90%
Dimension (W*H*D)	365x145x396 mm
Weight	9 Kg

Measuring Range

Item	Range	Basic Accuracy	Test Speed
L, LK	0.1nH - 9999.99H	0.1%	75mS
C	0.00001pF - 999.99mF	0.1%	75mS
Q, D	0.00001 - 99999	0.0005	75mS
Z, X, R	0.00001Ω - 99.9999MΩ	0.1%	75mS
Y	0.01nS - 99.9999S	0.1%	75mS
θ	-180° - +180°	0.03°	75mS
DCR	0.01mΩ - 99.999MΩ	0.1%	25mS
Turn	0.01 - 99999.99 turns	0.5%	75mS
Pin-Short	12 pairs, between pin to pin	-	25mS

Specification

Operating Frequency	5435	20Hz-200kHz
	5436	20Hz-500kHz
	5437	20Hz-1MHz (with Meter Mode function)
	5438	20Hz-200kHz (with Meter Mode function)
Turn Ratio Frequency	50Hz-200kHz (10Vac Max.)	
Parameters	Inductance (L) 、Impedance (Z) 、Capacitance (C) 、Resistance (R) 、Conductance (G) 、Susceptance (B) 、Admittance (Y) 、Alternating Current Resistance (ACR) 、Quality Factor (Q) 、Phase angle(Ø) 、Direct Current Resistance (DCR) 、Leakage Inductance 、Turn Ratio 、Balance 、Short Circuit	
Basic Accuracy	±0.1%	
Output Impedance	100Ω	
Frequency Trimming Resolution	5 Digits	
Frequency Output Accuracy	±0.01%	
Channel	48	
Equivalent Circuit	Series / Parallel	
Mathematical Mode	Absolute / Percentage	
Calibration	Open Circuit / Short Circuit / Load Calibration	