



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)
- 5437/5438 BNC Kevin Clips (F423501)

Optional

- Transformer Test Link Software
- RS-232 Cable
- Handler Box
- D-Sub Footswitch

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°C 、 Humidity : 20 ~ 90%RH
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(∅) 、 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	