

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 | Optional |
| Power cord | Transformer Test Link Software |
| User manual CD | RS-232 Cable |
| 48 Channels Scan Box (F5248) | Handler Box |
| D-Sub Footswitch | |
| 5437/5438 BNC Kevin Clips (F423501) | |

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%
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(θ)、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	