

# Transformer Tester

**NEW** 5465 / 5466 / 5467

## Feature

- 48 channels
- Basic accuracy up to  $\pm 0.1\%$
- Support with Meter mode function, simultaneously display four parameters
- Pneumatic fixture F5648 built-in 100mA DC Bias
- Open circuit/short circuit function
- USB Host storage can save setting files, data and capture the screen
- Support RS-232, Handler, LAN, USB Host interfaces
- Using in transformer production line, quality assurance or incoming quality control department



CE RS-232 Handler Print Port

## Accessories / Fixtures

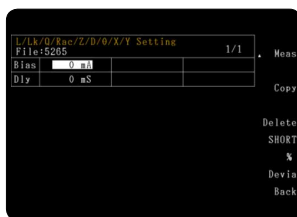
### Standard

- Power Cord
- User Manual (CD)
- F423501 (5465)
- F423901 (5466/5467)
- (F5648)
- Foot switch (F522010)

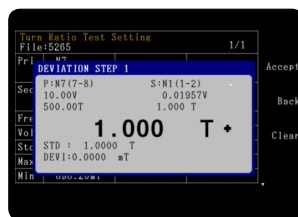
### Optional

- PC Link software
- RS-232 cable
- Handler Box

## Key Feature



100mA DC Bias measurement function



Inductive method/voltage method for measuring turns ratio

## Applications

Power transformer, Network communication transformer, electronic transformer

## Specification

Model Name	5465	5466	5467	
Test Frequency	10Hz-200kHz	10Hz-500kHz	10Hz-1MHz	
Channel	48			
Frequency Resolution	5 digits			
AC Drive Level	10mV-2Vrms			
Turn Ratio Frequency	50Hz-200kHz			
Output Impedance	100Ω			
LCR function	●	●	●	
Fixture F5648	DC Bias 100mA			
Measurement 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			
Parameters Measurement Ranges and Accuracy	Test Item	Range	Basic Accuracy (AC paramete: 1KHz)	Speed
	L, LK	0.1nH-9999.99H	0.1%	25ms
	C	0.00001pF-999.99mF	0.1%	25ms
	Q, D	0.00001-99999	0.0005	25ms
	Z, X, R	0.00001Ω-99.9999MΩ	0.1%	25ms
	Y	0.01nS-99.9999S	0.1%	25ms
	θ	-180° -+180°	0.03°	25ms
	DCR	0.1mΩ-99.999MΩ	0.1%	25ms
	Turn-Ratio	0.1-99999.9 turns	0.5%	50ms
	Pin-Short	12 pairs, between pin to pin	-	15ms

## General

Measurement Mode	LCR + Transformer
Measurement Circuit	Series/Parallel
Correction	Open Circuit/Short Circuit
Built-in Storage	testing files 128 sets
USB Host Storage	Depend on USB capacity
Operation	Auto, Manual, Remote Trigger
Interface	RS-232, Handler, LAN, USB Host, EXT. I/O
Power Supply	Voltage 98Vac-132Vac or 195Vac-264Vac Frequency 47-63Hz
Display	800*480 Color Screen, 7" TFT
Environment	Temperature: 10°C-40°C, Humidity: 20-90%RH
Dimension (W*H*D)	344×145×343mm
Weight	9kg