

# Transformer Tester

## 5265/5266/5267

### Features

- 20 channels
- Basic accuracy up to  $\pm 0.1\%$
- Support with Meter mode function, simultaneously display four parameters
- Pneumatic fixture F5620 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 USB Host LAN EXT. I/O

### Accessories / Fixtures

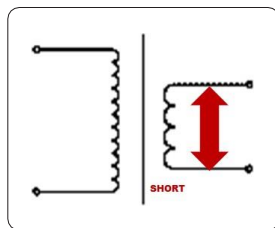
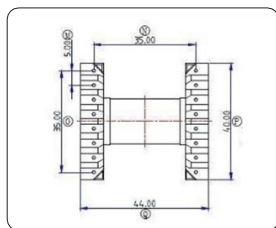
#### Standard

- Power Cord
- F5620
- Foot switch (F522010)

#### Optional

- PC Link software
- RS-232 cable
- Handler Box
- F423501 (5265)
- F423901 (5266/5267)
- FX-000C26

### Key Feature



Measure leakage inductance



Customized fixture head

### GMGA MEASURING

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### Applications

Power transformer, electronic transformer

### Specification

Model Name	5265	5266	5267	
Test Frequency	10Hz-200kHz	10Hz-500kHz	10Hz-1MHz	
Channel	20			
Frequency Resolution	5 digits			
AC Drive Level	10mV-2Vrms			
Turn Ratio Frequency	50Hz-200kHz			
Output Impedance	100Ω			
LCR Function	•	•	•	
Fixture F5620	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 parameter : 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	0.1-99999.9turns	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
Power Consumption	70VA
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