

Transformer Tester

5265 / 5266 / 5267

Feature

- 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

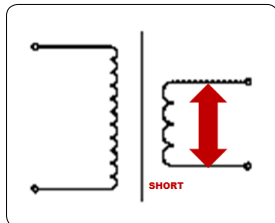
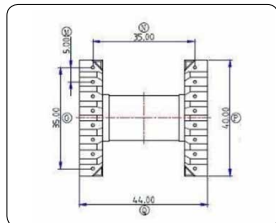
Standard

- Power Cord
- User Manual (CD)
- F423501 (5265)
- F423901 (5266/5267)
- F5620
- Foot switch (F522010)

Optional

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

Key Feature



Measure leakage inductance



Customized fixture head

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 |
| 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 |