

3 in 1 Transformer Testing System

6265 + 7721 + 7605

Feature

- One-stop test solution (6265/6266/6267 transformer tester + 7721 impulse winding tester + 7605 hipot tester)
- The 7721 Impulse winding tester is the main control instrument, which controls the measurement sequence

6265/6266/6267 Transformer Tester

- Basic accuracy up to 0.1%
- 20 channels
- Max. Test frequency 1MHz

7721 Impulse Winding Tester

- 21 channels
- programmable impulse voltage, low-energy detection without damaging the DUT
- Built-in storage 200 sets testing waveform
- Storage golden sample (DUT) standard waveform in the instrument, and compare with the other sample waveform
- Provides 5 waveform comparison

7605 Hipot Teseter

- 2 channel
- Support AC output voltage 5000V, DC output voltage 6000v, Insulation Resistance output voltage 1000Vdc
- Arcing detection
- Adjustable ramp time (0.1s-10s)



Accessories / Fixtures

- | | |
|-----------------------------|---------------------------|
| Standard | Optional |
| - Power Cord | - PC Link software |
| - User Manual (CD) | - RS-232 cable |
| - Scan Box (F7721) | - Dual Scan Box (F7721-D) |
| - HV Test Cable | |
| - 25Pin-25Pin Cable | |
| - Remote Control Cable | |
| - 24V Switch Power Supplier | |

Applications

Power transformer, electronic transformer

Specification

6265/6266/6267 Transformer Tester		7605 Hipot Tester		
Test Frequency	200kHz/500kHz/1MHz	Channel	2	
Channel	20	AC Hipot		
Parameters Measurement Ranges and Accuracy	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	Output Voltage	10V-5000V	
	L, LK	0.1nH-9999.99H	Voltage Resolution	1V
	C	0.00001pF-999.99mF	Voltage Accuracy	±(3% of setting+5V)
	Q, D	0.00001-99999	Leakage Current	0.001-30mA
	Z, X, R	0.00001Ω-99.9999MΩ	Arcing Detection	1-20
	Y	0.01nS-99.9999S	DC Hipot	
	θ	-180°-+180°	Output Voltage	10V-6000V
	DCR	0.1mΩ-99.999MΩ	Voltage Resolution	1V
	Turn-Ratio	0.1-99999.9 turns	Voltage Accuracy	±(3% of setting+5V)
	Pin-Short	12 pairs, between pin to pin	Leakage Current	0.001-10mA
7721 Impulse Winding Tester		Arcing Detection	1-10	
Channel	21	IR		
Impulse Voltage (programmable)	200V-5000V	Output Voltage	10V-1000Vdc	
Test Items	Total Area, Area size comparison, Waveform comparison, Flutter, Corona	Voltage Resolution	1V	
		Voltage Accuracy	±(3% of setting+5V)	
		IR Upper Threshold	1-12000MΩ	

General

Model Name	6265/6266/6267 Transformer Tester	7721 Impulse Winding Tester	7605 Hipot Tester
Built-in Storage	128sets	200sets	N/A
Interface	RS-232, Handler, LAN, USB Host, EXT. I/O	RS-232, Remote, Printer	RS-232, Remote, USB Host/Device, EXT. I/O
Power Supply	Voltage 90Vac-125Vac or 190Vac-250Vac	Voltage 115/230Vac±15%	Voltage 90Vac-264Vac
	Frequency 47Hz-63Hz	Frequency 50/60Hz±5%	Frequency 50/60Hz±5%
Display	800*480 Color Screen, 7" TFT	320*240, 5.7" dot-matrix	480*272, 4.3" TFT LCD
Dimension (W*H*D)	435x145x522mm	435x190x522mm	365x145x430mm
Weight	9kg	16kg	14kg