



# 4-in-1 Transformer Tester

6235 + 6210 + 7721 + 6905



Key Feature

- Full Function Feature and the Most Efficient Test System
- One System with Multiple Functions, Provides a "Comprehensive Test", "Interlayer Short Circuit", "Pressure Durable Test", "DC Overlap Current Source"
- High and Low Pressure Test Simultaneously, Save your Time
- Easy to Edit Environment, Easy to Learn
- To collocate with the jigs reach the highest production efficiency
- The maximum test frequency is up to 1MHz
- Maximum 5000V Test Voltage
- Positive/Negative Direction Electric Current Switch Function

Accessory

Standard	Optional
Power cord	PC Link Software
User manual CD	Dual Scan Box (F7721-D)
HV Test Cable	Customize Accessory
Remote Cable (25Pin/25Pin)	Scan Box (F7721B)
RS-232 Cable	
24V Switch Power Supplier	

General	Transformer Tester			DC Bias	Impulse/Surge Tester	HIPOT Tester
	6235	6236	6237	6210	7721	6905
	Max. Frequency			Output Current	Impulse Voltage	Output Voltage
	200kHz	500kHz	1MHz	0.000A - 5.000A	200V - 5000V	AC 100V - 5kV DC 100V - 6kV IR 100V - 1000V

## 6235 Transformer Tester

Measuring Parameter		
Turn Ratio, Phase, L, Q, Leakage L, Balance, ACR, Cp, D, X, Y, DCR, Pin Short		
Measuring Range		
L, LK	0.1nH - 9999.99H	
C	0.00001pF - 999.99mF	
Q, D	0.00001 - 99999	
Z, X, R	0.00001Ω - 99.9999MΩ	
Y	0.01nS - 99.9999S	
θ	-180° - +180°	
DCR	0.01mΩ - 99.999MΩ	
Turn	0.01 - 99999.99 turns	
Pin-Short	12 pairs, between pin to pin	
General		
Flash Memory	64 sets	
Display	320*240 dot-matrix display	
Power Supply	Voltage	90 - 125Vac or 190 - 250Vac
	Frequency	48 ~ 62Hz
Dimension (W*H*D)	435x145x522 mm	
Weight	9 Kg	

## 6210 DC Bias

Test Function		
Interchangeable Current Function		
Current Graphic Scanning Analysis		
Frequency Graphic Scanning Analysis		
Temperature-rising Graphic Analysis		
Output Current		
0.000A - 5.000		
Current Accuracy		
0.000A - 1.000A 1%+5mA 1.001A - 5.000A 2%		
Frequency	20Hz - 1MHz	
General		
Consumption Power	320W max.	
Power Supply	Voltage	88 - 264Vac
	Frequency	47 - 63Hz
Dimension (W*H*D)	435x145x522 mm	
Weight	9 Kg	

## 7721 Impulse/Surge Tester

Test Function			
Total Area \ Area size comparison \ Waveform comparison \ Flutter \ Corona			
Measuring Range			
Channel	21 Channels	Impulse Voltage	200 - 5000 V
General			
Flash Memory	200 sets	Dimension (W*H*D)	435x190x522 mm
Display	320*240 dot-matrix display	Weight	16 Kg
Power Supply	115 / 230Vac ± 15%, 50 / 60Hz ± 5%		

## 6905 HIPOT Tester

Measuring Item		Channel	
AC, DC , IR		2 Channels	
Measuring Range			
AC Hi-Pot	100 - 5000Vac , 50 / 60Hz, 0.01 - 10mA	Insulation	DC 100 - 1000V, 1M - 9.99GΩ
DC Hi-Pot	100 - 6000Vdc, 0.01 - 5mA	Arcing	1 - 10mA
Item	Range	Resolution	Accuracy
AC Withstand	100 - 5000Vac	10	±(3% of setting+5V)
DC Withstand	100 - 6000Vdc	10	±(3% of setting+5V)
Insulation Resistance	100 - 1000Vdc	10	±(3% of setting+5V)
Power Supply	Voltage 115 / 230Vac ± 15% , Frequency 50 / 60Hz ± 5%		
Demension (W*H*D)	435x145x522 mm	Weight	15 Kg
General			
Flash Memory	30 sets	Insulation	DC 100 - 1000V, 1M - 9.99GΩ
Display	128*64 graphic	Arcing	1 - 10mA