

3合1 變壓器測試機

綜合測試/層間短路/耐壓測試



6235/7721/7610
單一治具

6235/7700/7620
雙治具



● 變壓器測試機規格

Model		6235
Test Parameter		
Transformer Scanning		Turn Ratio, Phase, L, Q, Leakage L, Balance, ACR, Cp, D, X, Y, DCR, Pin Short
Test Signals Information		
Test Frequency (0.01%, 5digits)	Turn Ratio	50Hz ~ 200kHz (10Vac Max.)
	Others	20Hz~200kHz

Model	6235
Output Impedance	100Ω
Display Range	
L, LK	0.00001uH~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	-90.00°~+90.00°
DCR	0.01mΩ~99.999MΩ
Turn	0.01~99999.99turns
Pin-Short	12 pairs, between pin to pin
Basic Accuracy	
L, LK, C, Z, X, Y, R, DCR	0.1% (1kHz if AC parameter)
Q, D	0.0005 (1kHz)
θ	0.03° (1kHz)
Turn	0.5% (1kHz)
Measurement Speed (Fastest)	
L, LK, C, Z, X, Y, R, Q, D, θ	75ms
DCR	25ms
Turn Ratio	75ms
Judge	
Transformer Scanning	PASS/FAIL judge of all test parameters output from optional HANDLER interface
Test Channel	20 Channels
Trigger	Auto, Manual, External
Display	320*240 dot-matrix LCD display
Equivalent Circuit Mode	Series, Parallel
Correction Function	Open/Short Zeroing, Load deviation
Memory	64 instrument setups
General	
Operation Environment	Temperature :10°C ~ 40°C, Humidity :10%~90% RH
Power Consumption	140VA max.
Power Requirement	90Vac~125Vac or 190Vac~250Vac, 48Hz~62Hz
Weight	Approx. 9kg
Dimension (W*H*D)	340*150*460mm

Specifications are subject to change without any prior notice!! All products and company named used herein are for identification only. All (registered) trademarks are alright of their respective owners.

● 線圈層間短路測試機規格

測試功能	
總面積比對	顫抖數
面積差比對	電暈數
波形比對	
脈衝電壓	
200 ~ 5000V可程式電壓	
精準度 ± 2%	
量測時間	
基本測試時間 50 ms	
測試通道	
7700	2 端點測試接點
7721	20 端點測試接點 (可程式)
顯示及音效	
解析度320x240 圖形液晶顯示螢幕	
Pass / Fail LED 燈號顯示	
內建揚聲器	
輸出/輸入 介面	
遠端控制介面	
RS-232 介面	
列印介面	
記憶體	
7700/7721	可記憶 200 組資料
電源供應	
115 / 230Vac ± 10%可切換電壓輸入	
60 / 50 Hz	
配件	
高壓端子測試夾	電源線
遠端控制線	使用手冊
工作溫溼度	
攝氏	0°C ~ 40°C
相對溼度	Rh ≤ 75%
尺寸(外觀)	
7700/7721	435x130x525 mm
重量	
7700/7721	8 kg (不含配件)

● 耐壓測試機規格

· AC Withstand

Item	Range	Resolution	Accuracy
Output Voltage V	100V~5000V	10	± (3% of setting+5V)
Output Frequency	50/60Hz		± 100ppm
Hi-Limit Current mA	0.001~10	0.001	± 3%
Lo-Limit Current mA	0~9.999	0.001	± 3%
Dwell Time Sec	0.1~99.9	0.1	
Ramp Up Time Sec	0.1~99.9	0.1	
Arc Detection	1~9		

· DC Withstand

Item	Range	Resolution	Accuracy
Output Voltage V	100V~6000V	10	± (3% of setting+5V)
Hi-Limit Current mA	0.001~5	0.001	± 3%
Lo-Limit Current mA	0~4.999	0.001	± 3%
Dwell Time Sec	0.1~99.9	0.1	
Ramp Up Time Sec	0.1~99.9	0.1	
Arc Detection	1~9		

· Insulation Resistance

Item	Range	Resolution	Accuracy
Output Voltage V	100~1000	10	± (3% of setting+5V)
Dwell Time Sec	0.1~99.9	0.1	
Hi-Limit Resistance MΩ	1~9999	1	100~500V, 1~1000MΩ (± 5%) 500~1000V, 10~5000MΩ (± 5%) 1000V, 10~9999M (± 5%)
Lo-Limit Resistance MΩ	0~9998	1	

· General

Item	Range
Memory	30 Sets
PLC Remote Control	Test, Abort
PLC Signal Output	Pass, Fail, HV output
LCD Display	240x64 graphic LCD
Verification	AC, DC, IR
Dimension and Weight	435(W) x 180(H) x 455(D)mm, 15KG
Environment	5~40°C, RH 0~80%
Input Voltage	115/230Vac ± 15%, 50/60Hz ± 5%
Test channel	7610 2 Channels 7620 8 Channels

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