

Insulation Resistance Testers



【特點】

- 8205 可量測阻抗範圍 0.1M - 50G
- 大型 4 Digit LED 顯示器
- 內建 PLC Remote 遠端遙控界面
- 數位式設計，操作簡易
- 內含防高壓觸電線路 Smart GFI (專利：169000)
- 量測速度快，準確度高

【Features】

- 8205 Resistance measurement range of 0.1MΩ - 50GΩ
- 4 digits LED display
- Built-in PLC Remote interface
- Digital design and simple operation
- Exclusive Smart GFI Circuit (Pat.#169000)
- Fast and accurate measurement test result

【Specification】

MODEL	8205		
INSULATION RESISTANCE			
	Range	Resolution	Accuracy
Output Voltage, DCV	30 - 1000	1	±(1% of setting + 1V)
Output Regulation, DCV	± (1% of output + 1V) From no load to full load		
Output Ripple	< 2%		
Discharge	Automatic Discharge of Device Under Test Indicator : Green < 30V, Red > 30V		
SETTINGS			
Low-Limit Resistance, MΩ	0.1 - 999.9	0.1	Same as Resistance Measurement
	1000 - 9999	1	
	10.0GΩ - 50.0GΩ for Model 8205 10.0GΩ - 200.0GΩ for Model 8210	0.1GΩ	
Delay Time, second	1.0 - 999.9	0.1	± (0.1% of setting + 0.05s)
Dwell Time, second	0, 0.1 - 999.9 (0 = continuous)		
MEASUREMENT			
DC Voltage, V	0.0 - 100.0 101 - 1000	0.1 1	± (1% of reading + 1V)
Resistance	0.001MΩ - 50.0G, Auto Range	0.001MΩ 0.01MΩ 0.1MΩ 1MΩ 0.01GΩ 0.1GΩ	500 - 1000V 0.1MΩ - 1GΩ, ± (2% of reading + 2 counts) 1GΩ - 20GΩ, ± (3% of reading + 2 counts) 20GΩ - 50GΩ, ± (10% of reading + 2 counts) 30 - 499V 0.1MΩ - 1GΩ, ± (3% of reading + 2 counts) 1GΩ - 20 GΩ, ± (5% of reading + 2 counts)
Option Output Resistance 200GΩ			
Resistance	0.001MΩ - 200.0G, Auto Range	0.001MΩ 0.01MΩ 0.1MΩ 1MΩ 0.01GΩ 0.1GΩ	500 - 1000V 0.1MΩ - 1GΩ, ± (2% of reading + 2 counts) 1GΩ - 20GΩ, ± (3% of reading + 2 counts) 20GΩ - 200GΩ, ± (10% of reading + 2 counts) 30 - 499V 0.1MΩ - 1GΩ, ± (3% of reading + 2 counts) 1GΩ - 20 GΩ, ± (5% of reading + 2 counts)
GENERAL			
Input Voltage AC	115 / 230Vac ± 15%, 50 / 60Hz ± 5%, max. current 1A		
PLC Remote Control	Input : Test, Reset, Interlock Output : Pass, Fail, Processing		
Display	4 Digits LED Display		
Terminations	High Voltage Output - Alden Socket Shielded Return - BNC Connector		
Safety	Built-in Smart GFI circuit, GFI trip current 450μA max, HV shut down speed : < 1ms		
Calibration	Built-in software and external calibrated meters		
Environment	0 - 40°C, 20 - 80%RH		
Dimension (W x H x D), mm	280 x 89 x 300		
Net Wight	4.5Kg		
STANDARD ACCESSORIES			
Power Cord (10A)	x 1		
Fuses	x 2 (Including a spare contained in the fuse holder)		
Interlock Disable Key (1505)	x 1		
Hipot Test Lead, 1.5m (1101)	x 1		
BNC Connector Return Test Cable, 1.15m (1140)	x 1		

*Product specifications are subject to change without notice

【Ordering Information】

8205 Insulation Resistance Tester (50GΩ)
Opt.7019 Output Resistance 200GΩ