



Kyoritsu 3025A / 3125A high voltage insulation testers

Features at a glance

- Large digital display with Bar Graph indication and back light.
- Polarization Index measurement(PI)
- Dielectric Absorption Ratio(DAR).
- Indication of Output voltage and Discharge voltage.
- Safety standard IEC 61010-1 CATIV 300V / CATIII 600V
- 3125A allows for 5,000V test voltage

Specifications

Range	Insulation resistance					Voltage measurement
Test voltage	250V	500V	1000V	2500V	5000V (3125A only)	
Measuring range	0.0 - 100.0MΩ	0.0 - 99.9MΩ 80 - 1000MΩ	0.0 - 99.9MΩ 80 - 999MΩ 0.80 - 2.00GΩ	0.0 - 99.9MΩ 80 - 999MΩ 0.80 - 9.99GΩ 8.0 - 100.0GΩ	0.0 - 99.9MΩ 80 - 999MΩ 0.80 - 9.99GΩ 8.0 - 99.9GΩ 80 - 1000GΩ	30 - 600V AC/DC (50/60Hz)
Accuracy	±5%rdg±3dgt	±5%rdg±3dgt	±5%rdg±3dgt	±5%rdg±3dgt	±5%rdg±3dgt ±20%(100GΩ or more)	±2%rdg±3dgt
Short circuit current	1.5mA	1.5mA	1.5mA	1.5mA	1.5mA	—
Rated test current	0.7mA - 0.9mA at 0.25MΩ load	0.8mA - 1mA at 0.5MΩ load	1mA - 1.2mA at 1MΩ load	1mA - 1.2mA at 2.5MΩ load	1mA - 1.2mA at 5MΩ load	—
Open circuit voltage	250V +10%, -10%	500V +20%, -10%	1000V +20%, -0%	2500V +20%, -0%	5000V +20%, -0%	—
Applicable Standard	IEC 61010-1, 61010-2-030 CATIV 300V, CATIII 600V Pollution degree 2, IEC 61326-1, 2-2					
Power source	DC12V:LR14 x 8					
Dimensions	177(L) × 226(W) × 100(D) mm					
Weight	1.7kg approx. : 3025A 1.9kg approx. : 3125A					
Accessories	7165A(Line probe)(3m), 7264(Earth cord)(3m), 7265(Guard cord)(3m), 8019(Hook type prod), 9180(Carrying case for 3025A) 9181(Carrying case for 3125A), LR14(Alkaline battery size C) × 8, Instruction manual					
Optional	7168A(Line probe with alligator clip)(3m), 7253(Longer line probe with alligator clip)(15m), 8302(Adaptor for recorder)					