

2404 Series Insulation Testers



The 2404 is a reliable, hand-driven insulation tester using a DC-DC converter. The 2404 includes a number of useful and easy-to-use feature. Six different models are available for different test voltage (DC) and MΩ ranges.

Specifications

Testing Performance Specifications

Model	Testing Voltage	AC Voltage	Continuity Range
2404 13	500V/100MΩ	0 to 300V	0 to 500Ω
2404 14	500V/1000MΩ		0 to 500Ω
2404 15	1000V/2000MΩ		Not provided
2404 16	2000V/5000MΩ		Not provided

- Accuracy
  - Insulation resistances measurement:  
±5% of indicated value in effective measuring range 1, ± 10% of indicated value in effective measuring range 2, less than ± 0.7% of scale length at zero and infinity. AC voltage measurement ±10% of full scale
  - Low resistance measurement:  
Less than 5% of full scale.
- Scale Length:  
Approx. 88 mm (3- 1/2")
- Measuring Terminal Voltage:  
More than 90% of testing voltage at center scale, or ±10% of testing voltage at infinity (at handle speed of more than 120 rpm)
- Rotating Speed of Handle :  
More than 120 rpm
- Case:  
Polycarbonate resin, green-yellow
- Dielectric Strength:

2000V AC (100 to 1,000V models), or 3,000V AC (2,000V models) for one minute between electric circuits and case/handle.