

2404 Series Insulation Testers

TRANSCAT

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2404
112 (W) × 184 (H) × 105 (D) mm 1.3kg

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 features.

Six different models are available for different test voltages (DC) and MΩ ranges. With the exception of the 240415 and 240416, all models provide a convenient continuity range of 0 to 500Ω full scale.

SPECIFICATIONS

Model	Testing Voltage (DC)/MΩ Range	AC Voltage Measurement	Continuity Range
240411	100 V/20 MΩ	0 to 150 V	0 to 500 Ω
240412	250 V/50 MΩ	0 to 250 V	0 to 500 Ω
240413	500 V/100 MΩ	0 to 300 V	0 to 500 Ω
240414	500 V/1,000 MΩ	0 to 300 V	0 to 500 Ω
240415	1,000 V/2,000 MΩ	0 to 300 V	Not provided
240416	2,000 V/5,000 MΩ	0 to 300 V	Not provided

Accuracy:

Insulation resistance 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)

Rotational Speed of Handle: More than 120 rpm

Case: Polycarbonate resin, green-yellow

Insulation Resistance: More than 50 MΩ at 500 V DC between electric circuits and case/handle

Dielectric Strength: 2,000 V AC (100 to 1,000 V models), or 3,000 V AC (2,000 V model) for one minute between electric circuits and case/handle

Accessories supplied at no extra cost: B9634FF carrying case, spare fuses (for low Ω measurements) —2 pcs., built in 240411 to 240414

Optional Accessories: B9634FA test leads (1 set/unit)