

Insulation Resistance Tester

Type DE-5010

Features:

- Multiple ranges for selection
- Auto discharge of circuit
- Live circuit warning
- Lighting function when dim
- AC voltage measurement
- Low battery indication
- Taut band movement



DE-5010

Specifications:

- Normal Operating Conditions: Battery voltage
- Response time: with 3 sec. (in may take time in measuring a capacitance loading)
- Insulation resistance: $\geq 100\text{M}\Omega/\text{DC}1000\text{V}$ between test leads and enclosure.
- Withstand voltage: AC5500V (50/60Hz) for 1 min. (Between test leads and enclosure)
- Overload protection: Between test leads (for 10 sec.)

Model	DE-5010
Insulation Resistance	1000V range: AC 1200V Other ranges: AC 600V
AC Voltage	AC 1200V

Measurement Ranges:

Nominal Voltage	250V	500V	1000V
Max. Effective Scale Value	50 M Ω	100 M Ω	2000 M Ω
Mid-Scale Value	1 M Ω	2 M Ω	50 M Ω
Primary Effective Measuring Ranges & Accuracy	0.05~20 M Ω	0.1~50 m Ω	2~1000 m Ω
	Within $\pm 5\%$ of indicated value		
Secondary Effective Measuring Ranges & Accuracy	Scale out of primary effective measuring range (except 0 to ∞)		
	Within $\pm 10\%$ of indicated value		
Accuracy at 0 to ∞	Within $\pm 0.7\%$ of scale length from 0 to ∞		
Accuracy at no-load voltage	0%~+20% of nominal voltage		
Nominal current	1mA 0%~+20%		
Short-circuit current	Within 1.5mA		

Dimension:

162mm(L) x 112mm(W) x 50mm(H)
Approx. 400g