Testboy TV 441

Digital Earth Resistance Measuring Instrument

The Testboy TV 441 Earth Resistance Measuring Instrument is used to check the resistance between the reference earth and the connection point of the earthing system. For measurement, AC current is fed in between an auxiliary earth electrode and the earth electrode to be measured. Using a probe which lies within the range of the reference earth of the earth electrode to be measured, the drop in voltage is measured and the earthing resistance determined (three-conductor method).

Your advantages
| Auto-Power off
| Measured value memory for 100 measured values

SPECIFICATIONS

	Testboy TV 441	
Indication	LC display with bar graph display	
Earth resistance	0–29.99 Ω	±2 %, ±6 digits
	30–99.99 Ω	±3 %, ±3 digits
	100–999 Ω	±3 %, ±3 digits
	1–4 kΩ	±3 %, ±3 digits
Earth voltage	0–200 V, 50/60 Hz	±1.5 %, ±5 digits
Measuring system	Constant current, 3 mA (800 Hz)	
Auto-Power off	After approx. 15 minutes	
Measurement value recording	Max, min, average value	
Relative value measurement	Yes	
Measured value memory	Yes (for 100 measured values)	
Overvoltage category	CAT III 300 V	
Standard	IEC/EN 61010-1 (DIN VDE 0411)	
Dimensions	193 x 150 x 75 mm	
Weight	955 g	
Colour	Red/black	
Power supply	6 x 1.5 V AA, LR06	
Scope of delivery	Incl. Earth spikes, measuring line set and ever-ready bag	