

/ TO07

Digital insulation tester for construction site



See online
technical sheet



/ Standards

IEC 61010-1 + A2 - CAT III 600V / IEC 61557

/ Use

The TO07 is a 50V to 1kV high performance insulation tester. It supports extreme site conditions and is expert in qualitative insulation analysis.

/ Technical specifications

- Insulation : up to $4T\Omega$ (5 cal.) at 50/100/250/500 and 1,000V DC
- Automatic calculation of insulation quality ratios: DAR and PI
- Programmable test period and plotting of the $R(t)$ curve
- Automatic indication of voltage before and after measurement: 1 to 1,000V AC/DC
- Resistance : 0.01Ω to $400k\Omega$
- Continuity : 0.01Ω to $+40\Omega$ (audible beep and lead compensation)
- Automatic capacitance measurement after each insulation measurement: 0.005 to $4.999\mu F$
- Microprocessor-controlled
- Memorisation of measurements (128KB)
- Bi-directional RS232
- Giant LCD screen with digital display + bargraph
- Backlit display
- SMOOTH function (smoothing of values displayed)
- Possibility of locking insulation test voltages
- Programmable alarms
- Long battery life due to rechargeable battery with built-in charger

Complete with carrying bag containing all the accessories : 2 x 1.5 m safety leads (red/blue), 1 x 1.5 m guarded safety lead (black), 3 x alligator clips (red/blue/black), 1 x test probe (black), 1 x 2-sided condensed user's manual, 1 user's manual and 1 x 2m mains lead

Advantages

Long battery life due to rechargeable battery with built-in charger