

Earth Resistance Clamp Tester

Protek 1240C Series

Clamp Type high performance earth resistance meter "Protek 1240C Series" is mainly used for electric power, telecommunication, meteorological, oil field, architectural and industrial electric equipment, facility measurement.

"Protek1240C" is a products that can measure the circuit grounding system without separating the ground deflector without a separate auxiliary electrode, and can make its own measurement through the intergral value of the grounding resistance of the main body and the grounding lead resistance.

Features

- diameter ϕ 32mm / 65X32mm
- Automatic Resistance Measurement from 0.01 to 1200 Ω
- Automatic Current Measurement from 0.10 mA to 30A
- Data Collection through RS232C
- Alarm Function and Data Hold
- Built-in Memory (100 group data storage)
- Noise detection function
- High resolution of 4 Digit Display



Specifications

Description	Protek 1240C	Protek 1240C+
Method Function	Earth Resistance Test, Loop Resistance Automatic Test	
Clamp Jaws Size	∅32mm	65mmX32mm
Input Power	6VDC (1.5V AA Alkaline Battery 4pcs)	
Safety	IEC/EN61010-1, IEC/EN6010-2-032 / IP30, IK04 Protection Level	
Resistance Measurement Range	0.01~ 1,200Ω	
Resistance Resolution	0.001Ω	
Resistance Measurement Accuracy	±1%±0.01Ω	
Leakage & Current Range	0.00mA~ 30.0A (True RMS)	
Over Current Safety	About 5 time/sec MAX 40A	
Current Resolution	0.05mA	
Current Measurement Accuracy	±2.5%±1mA	
Over Voltage Safety	CAT-III 150V to Ground, MAX 20A	
Number of Internal Storage Memories	0~ 99 group	
Alarm Setting Range	Resistance : 1~ 199Ω	
Alarm Beep	Self-beep and Alarm LED Light (Control via AL Button)	
Interference signal recognition	Display the NOISE symbol with its own beep	
Operating Condition	-20°C~ 55°C ; 20%RH~90%RH	
Display	MONO LCD Display (4 Digit) / Size : 47mm×28.5mm	
Clamp Diameter Size	32mm	
Weight	±1100g 내외 (including Battery)	±1120g (including Battery)
Dimension	260(280)mm(D)×90mm(W)×66mm(H)	
Protection	Self-Double Insulation CLASS-II	
Structure	Clamp, CT	
Measuring Method	Automatic Measurement(4-digit auto range) & Measurement Value Hold	
External Magnetic field	<40A/m	
External Field	<1V/m	
Measurement Sampling	0.5 Sec(one second)	
Resistance Measurement Frequency	>1KHz	
Alternating Current Frequency	50/60Hz Auto	
Battery Indication	Low Battery display if the battery voltage is less than 5.3V	
Data Storage Method	Press the MEM button and select a group from 0 to 99	
Display Range	On-Screen range display "OLΩ", "L0.01" or "OL A"	
Auto Power	Auto-off after 5 minutes standby	
Power Consumption	Operating current consumption of 50mA and 30hours continuous operating	
RS232 Interface(Optional)	Data acquisition using RS-232 Interface	
Certification	Certification of CE, SCM	
Standard Products	Manual, Hard case(bag), Test Loop	