

AC Leakage Current Clamp Meter

Protek 1680LC Series

The Protek1680LC Leakage Current Clamp Meter is specifically designed for online measurement of AC leakage current at voltages below 600V. With CT & digital integration technology, there is no metal conductor outside the clamp, which makes non-contact testing possible. It is widely used in the fields of electricity, communication, meteorology, railway, oilfield, construction, measurement, science and research, industry and mining. The Protek 1680LC is a compact size, wide clamp diameter of 68 ϕ mm, high accuracy and efficiency, which is essential for the safety test of electric technicians.



Features

- 68 ϕ mm, wide clamp diame
- Online monitoring via USB Interface,
Data Records View is available
- Measurement & Data hold of Max/Min value
- 99 units store in internal memories
- 0.00mA ~ 1200A Measurement
- High Accuracy of 0.01mA resolution

Specifications

Description	Protek 1680LC
Function	AC Leakage Current Measurement, AC Current & Online Measurement
Power	6F22, Zn-Mn dry 9V Battery 1pc
Measuring mode	Clip-on CT, integral mode
Display	4 digits MONO LCD Display
Dimension	Width × Height × Thickness : 175mm × 70mm × 38mm
LCD Dimension	35mm × 21.5mm : display domain : 32mm × 15mm
Sampling Speed	about 2 times/s
Frequency	50/60Hz 내외 자동
Measurement Method	Automatic Measurement of Range
Accuracy (23°C ± 3°C, below 70%RH)	0.00 ~ 59.9A: ± 1.5% ± 5dgt
	60.00A ~ 199.9A: ± 2% ± 5dgt
	200.0A ~ 599.9A: ± 3% ± 5dgt
	600.0A ~ 1200A: ± 4% ± 5dgt
Voltage Range	AC600V
USB Interface	Upload data to PC via USB or Monitoring Online
Storage	Up to 99
Peak Hold	Peak value is displayed on the meter display while the HOLD button is pressed
Reading Hold	Hold & Read Measurement Data
Out of Range	OL (Over Load) display when the current is over the measurement range
Auto Power-off	Auto Power-off when not in 5 minutes
Battery Alarm	Replace if battery voltage drops below 7.2V
Dimension	175mm(W) X 70mm(H) X 38mm(D)
Weight	120g (including battery)
Power Consumption	± 5mW
Operating Conditions	Temperature : 0°C ~ 40°C, Humidity: 80%rh, When Stored : -10°C ~ 60°C, Humidity : 70%rh
Insulating Strength	AC2kV/rms (between clamp and metal housing)
Safety	IEC1010-1, IEC1010-2-032, pollution, etc 2, CAT III (600V)
Standard Products	Manual, USB Data Cable, Program CD, Pouch

