

F1000

AC/DC Clamp Leaker

Introduction

F1000 AC/DC Clamp Leaker is specially designed for measurement of AC/DC current; by adopting up-to-date CT technology and digital integration technology, it is a product with relatively small size, high accuracy and perfect function compared with other similar leakers in the world.

F1000 AC/DC Clamp Leaker has those functions as peaking holding, data holding and data storage. It is equipped with one RS232 interface, communication cable and monitoring software, through computer you can do on-line monitoring and view historical data. It also have functions such as active curve drawing, indication of max, min and average value, alarm setting and alarm indication. The historical data can be read, saved and printed.



Model	F1000
Function	Measurement of AC/DC current, Peak value hold, On-line monitoring
Power Supply	Dry battery 6F22 9V , lasting for 40hours
Test Mode	Clip-on CT, noncontact mode
Display Mode	Four digits LCD display
Dimension	185mm×70mm×38mm
LCD Dimension	35mm×21.5mm; display domain,32mm×15mm
Sampling Rate	2 times/s
Frequency	AC 45Hz~400Hz
Polarity Indication	DC current can be auto-identified and display"—"
Size of clamp	30mm×35mm
Test Position	Test wire in the jaw center; Error will increase to 1.5%rdg max if deviate the center
Range Shift	Automatically
Data interface	RS232
Line Voltage	AC600V
Software	With the software data can be uploaded to computer
Com-Configure	Baud rate:9600, data bit:8, stop bit:1, check bit: NONE
Data Memory	99units , [FULL] blinks when the memory is full
Peak Hold	Push [HOLD] without release, the meter will show the peak value during the pushing period
Reading Hold	[DH] indicating the reading is hold
Out of Range	[OL] indicating the current is out of range
Auto Power-off	5 Minutes after power on, it will power off automatically to lower the power consumption
Battery Voltage	[BAT] Indicating the battery voltage is lower than 7.2V.Then the battery have to be changed
Weight	210g (including the battery)
Working current	10mA
Humiture	-10°C~50°C ; Below 80%rh
Limit Temperature Error	-10°C-0°C and 40°C-50°C, Error will increase max to 1%rdg
Humiture for storage	-10°C~60°C ; below 70%rh
Insulating Strength	AC2kV/rms. (between the alloy of the clamp and the housing)
Applicable safety rules	IEC1010-1, IEC1010-2-032, Pollution level 2, CAT III(600V)