

DC & True RMS AC Ammeter

SI-215517 Digital Panel Meter designed to replace the old Analog Ammeters that had a 2.75" to 4" diameter mounting hole. This ammeter provides a greater accuracy of output amperes with infinite hold, auto reset and update functions that will meet or exceed all industrial and military requirements. This ammeter can replace H-800 & D-960 series ammeters.

High visibility LED digital display shows the output current in kilo amperes. The meter holds this reading indefinitely for accurate recording of each mag shot. As each mag shot is taken the meter will automatically reset, compute and display the new reading in less than .5 seconds

Standard Meters are calibrated for both TRUE AVERAGE DC and TRUE RMS AC, for operation from your existing 50mv/1000 Amp meter shunt either in place of or in conjunction with your machine's meter. Meters are pre calibrated, and there is an external gain adjust in case you need a minor trim due to your existing meter shunt accuracy. This ammeter will take the true DC average of any DC waveform, whether it is 1 phase FWDC, or HWDC, or 3phase FWDC, without having to re-adjust again the gain setting. This meter also reads the TRUE RMS AC current of any AC waveform, regardless of crest factor..

Features & Advantages

- Meter gain calibration adjustment on front panel
- Direct Replacement for H-810 and D-960
- Holds last reading or continuous reading
- LED Display, 3 digits
- Mounting screws for front panel
- Front panel face plate, in 2 available sizes
- AC power input terminals
- Shunt input terminals
- Reads up to 9990 amps



Specifications

Basic Accuracy = DC .5% , AC 2% of reading + /- 2 LSB counts

Range = 0 to 9,990 amps, in 10 amp increments

Display = 3 digit LED .56" digit height

Conversion Time = 280msec

Auto Reset Time = 1 second

Signal Input = 50mv/1000A Meter Shunt standard Input

Impedance = 1000Ω

Power Line Input = 90 to 120 VAC, 4VA, 50/60Hz

Operating Temperature = 32 to 120°F (0 to 49°C)

Dimensions HxWxD = 5" x 3.5" x .3"

Weight = 8oz. (227g)