



# SI-20KA-CERTIFICATION AC/DC AMMETER KIT

DC & True RMS AC Ammeter For  
Certification of Mag units and Power Packs

Test Kit  
Certification  
Shunt Ammeter  
TRUE RMS AC & DC

SI-20KA-CERT Digital Certification Ammeter is designed to provide a low cost, high accuracy display of output kilo amperes with infinite hold, auto reset and update functions that will meet or exceed all industrial and MIL specs

High visibility LED digital panel meter displays the output current in kilo amperes. Meter holds this reading indefinitely for accurate recording of last mag current shot. As each mag shot is taken the meter will automatically reset, compute and display the new reading in less than .40 seconds.

Standard Meters are both TRUE Average DC and TRUE RMS AC calibrated for operation from the included 50mv/1000 Amp 10KA meter shunt clamped between the heads of your Mag unit or power pack output.. Meters are fully calibrated and the shunt is also certified to 0.2% accuracy, using NIST traceable test equipment from a accredited 17025 calibration lab. There are 2 different sizes of current shunts available, depending on what max mag current you will want to measure. This ammeter can read up to 19,990 amperes.the 2 shunts are in the picture on upper left

## Features & Advantages

- Meter calibration adjustments for zero and gain
- AUTO HOLD/MANUAL switch
- Holds last reading or can perform continuous readings, for very low current readings below 50 amps
- LED Display, 3 1/2 digits, 19.99KA
- Hi Accuracy True RMS AC convertor
- Hi accuracy DC average circuit assures correct displayed value regardless of which DC waveform is being recorded, 1 ph hw dc, fw dc, 3ph fw dc
- AC power with included cord, no batteries to replace
- Shunt input jack with hi accuracy(0.2%) shunt
- Comes with with cert and 5 year warranty
- Shunt Triggered



Low cost test kit ammeter

## Specifications

Basic Accuracy : DC error less than 0.5 % of reading , AC error less than 2% of reading +/- 2 lsb count Range = 10 to 19,990 amperes, in 10 amp increments

DPM Display = 3 ½ LED .56" (14mm) digits

Conversion Time = 280msec

Auto Reset Time = 1 second

Signal Input = 50mv/1000A Meter Shunt

Input Impedance = 100Ω

Power Line Input = 90 to 140 VAC, 4VA  
50/60Hz, 220 VAC version also available

Operating Temperature = 5 to 45°C)

Dimensions HxWxD = 4 x 3.5 x 2.5 inches

Weight = 8oz. (227g)