



SI-20KA/ST/QB-CERTIFICATION AMMETER

DC & AC Ammeter and Shot Timer and Quick Break

Tester For Certification of Mag units and Power Packs

Certification
for Shot time,
Quick Break &
Shunt Ammeter

The SI-20KA/ST/QB-CERT is a combination Digital Certification AMMETER, SHOT TIMER AND QUICK BREAK TESTER is designed to provide a low cost, high accuracy display of output kilo amperes with hold, auto reset and update functions as well as true mag shot duration, and digital quantitative Quick Break indication on the LCD readout., displayed in volts from 0.1v to 29.9 volts, based on MIL spec 6867C. The higher the voltage reading, the faster the quick break. There is a table on back of QB meter which defines what minimum voltage is acceptable for each size mag unit coil. High visibility LCD digital panel meter has 2 modes : SHOT TIME DURATION AND QUICK BREAK VOLTAGE , which are selected at power on using the reset pushbutton. The timer has a resolution of .01 seconds from .20 to 9.90 seconds.

Standard Meters are both TRUE Average DC and TRUE RMS AC calibrated for operation from the included 50mv/1000 Amp meter shunt clamped between the heads of your Mag unit or power pack ammeter. Meters are fully calibrated and the shunt is also certified to .1% accuracy, using NIST traceable test equipment from a accredited 17025 calibration lab. There are 3 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 amps.

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 100 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(0.1%) shunt
- Comes with cert and 5 year warranty
- Shunt Triggered



Test kit ammeter, shot timer and quick break tester

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 1/2 LED .56" (14mm) digits

Conversion Time = 280msec

Quick Break: .1 to 29.9 volts +/- 1% of reading

Signal Input = 50mv/1000A Meter Shunt

Shot timer: 0.2 to 9.90 sec. +/- 1% of reading

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)

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