

CS-1 Calibration Source

- CONVENIENT
- ACCURATE
- EASY TO USE
- MANY USES
- LIGHT WEIGHT
- ECONOMICAL
- QUICK SET-UP

The CS-1 was designed to be a convenient, light weight low voltage AC calibration source.

Typical uses are:

- A calibrating source for ammeters and voltmeters at electric utility generation, transmission and distribution substations.
- Determining minimum pick-up and drop-out of auxiliary relays.
- Variable voltage and current source
- Low burden secondary current ratio testing.

A three position switch (center off) selects voltage or current output mode. The corresponding digital meter is energized indicating the active output mode.



Dimensions (in.) 17x 10 x 7

Output rating:

60 Hz AC Current output:

0-6.00 amps – continuous

6-10.0 amps – 50% duty cycle, 10 minutes -

on - 10 minutes off (Fused at 10 amps)

Voltage output:

0-110 % of power input voltage (Fused at 3/4 Amp)

Amp and Volt Meter Specifications

Accuracy	(less than) 1% F.S.
Sampling Time	About 0.8 sec. typically
Power source	AC 110V (+ or -) 10% 50/60Hz
Power Consumption	<AC 3 VA
Operating Temp. range	0-60 deg. C
Storage Temp. range	-10 -70 deg. C
Temperature coefficient	<100PPM/deg. C
Max. relative humidity	95%
Dielectric strength (IEC688)	AC 2KV/1Min Input/power/output terminals AC 3KV/1min All terminals to case
Impulse (IEC 255-4)	Common mode 1.2 x 50 micro-sec 4KV
Display	14.2mm (0.56") H red LED Amps 0-9.99 Volts 0-199.9

Input power required is 110Vac. The CS-1 is shipped with 110 VAC input power cord and test lead set. The CS-1 is precalibrated and ready for use.

A one year replacement/repair warranty is included.

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