

HIGH CURRENT PRECISION SHUNTS

- 500 AMPS & 1000 AMPS
- RATED FOR FULL CURRENT
- FOR CALIBRATION USE
- GOOD LONG TERM STABILITY
- HIGH ACCURACY



MODEL CS-500 SHUNT WITH RTD

The CS-500 and CS-1000 Precision Shunts are designed for demanding measurement of higher currents. They are rated for full continuous current.

A recent design upgrade has improved accuracy on these shunts.

Heat generated by the measurement current is adequately dissipated by the large surface area of the exposed elements.

The CS-500 and CS-1000 are open, parallel blade construction. They have been found to agree well between DC and 50/60 cycles, but are not recommended for pulse or high frequency use.

For the highest precision applications, an installed temperature sensor and current / temperature characterization can be provided.

For lower currents, please see our CS-1 through CS-300 shunts, or the MCS Multiple Current Shunt, a temperature-stabilized set of shunts from <10 mA to 300 A.

All shunts are supplied with ISO 17025 accredited NIST traceable calibration through full rated current.

CS Series High Current Shunts							
Model Number	Rated Amps	Nominal Resistance	Millivolts at Rated Current	Rated Power	Accuracy	Dimensions	Weight
CS-500	500	0.000 2	100	50 W	<0.02 %	60x10x13 cm (24x4x5 in)	7 kg / 14 lbs
CS-1000	1000	0.000 1	100	100 W	<0.025 %	70x15x13 cm (28x6x5 in)	17 kg / 36 lbs
Special Values available on request – use the following format (accuracy may be derated)							
Specify CS-X-Y	X = Rated Amps	Y = Rated Millivolts	CS-1500-600 = 1500A, 60 mV, 0.000 04 ohm CS-250-100 = 250A, 100 mV, 0.000 4 ohm				

Notes:

- Stated accuracy at time of manufacture.
- Accuracy is through full range of applied current, at 18-30 °C.
- All Ohm-Labs' standards carry a two year warrantee.

