

HIGH CURRENT PRECISION SHUNTS

- 500 AMPS & 1000 AMPS
- FOR CALIBRATION USE
- GOOD LONG TERM STABILITY
- 0.05 % ACCURACY

The CS-500 and CS-1000 Precision Shunts are designed for demanding measurement of higher currents.

Based on Leeds & Northrup's designs, these shunts provide good long term stability.

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

All shunts are supplied with ISO 17025 accredited, NIST traceable calibration at 25, 50 & 100 % rated current.



CS-500 PRECISION SHUNT

CS Series High Current Shunts							
Model Number	Rated Amps	Nominal Resistance	Millivolts at Rated Current	Rated Power	Accuracy*	Dimensions	Weight
CS-500	500	0.001	500	250 W	<0.05 %	915x140x125	13 Kg / 30#
CS-1000	1000	0.000 1	100	100 W	<0.05 %	530x125x100	16 Kg / 36#
Special Values available on request – use the following format (accuracy may be derated)							
Specify CS-X-Y	X = Rated Amps	Y = Rated Millivolts	CS-500-100 = 500A, 100 mV, 0.000 2 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.

