

SRM-CAL Calibration Fixture

The SRM-CAL is a test fixture that contains three sets of contact points for use in verifying the accuracy of the SRM-232 four point probes against an external standard. One set of pads is connected to a dead short; one set of pads is connected to a precision resistor with a value in the middle of the SRM-232's measurement range; the third set of pads is connected to a precision resistor with a value in the upper end of the SRM-232's measurement range. The two precision resistors are NIST traceable secondary standards. If an inaccuracy in the unit is detected when checking it against the calibration fixture, the SRM can be factory re-adjusted.

The calibration *mode* as explained in the SRM-232 manual is for self-calibration against precision resistors that are internal to the SRM-232. The SRM-CAL is used to verify the accuracy of the instrument against an external standard. The SRM does not provide the capability for the end user to adjust the SRM against the external SRM-CAL - this must be performed at the factory using special equipment.

SRM-CAL Calibration Fixture Dimensions 1" x 4" x 2" (model shown is for SRM-232-2000)

