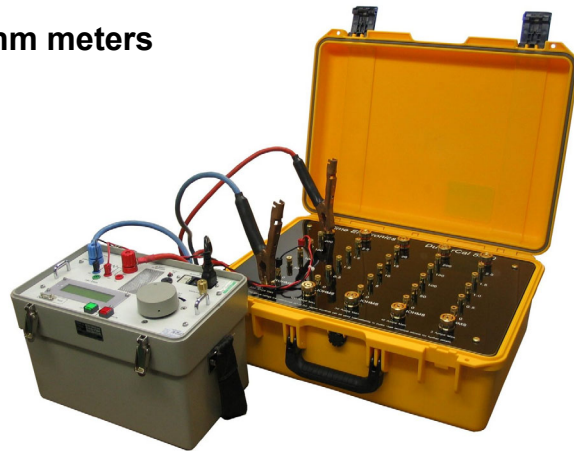




5070 DuctorCal

- Calibrate Ductor Testers and Micro-Ohm meters
- 0.2, 2, 20, 200, 2000 milli-ohms
- 5 point calibration 0, 25, 50, 75, 100%
- Gold plated terminals
- Low thermal emf connection
- Portable robust carrying case (54 x 41 x 21cm) 11Kg



Introduction

The DuctorCal is a portable instrument suitable for calibrating high current Ductor Testers and Micro-Ohm meters. It contains 5 sets of high current standard resistors that are used for the calibration.

It has full 4 terminal capabilities with extra large terminals for the current connection. Gold plated terminals are used throughout to reduce contact resistance and thermal emfs.

It has a substantial maximum continuous current rating, but can also be used with much higher transient/pulse test currents.

Specifications

Range	Current	Accuracy
50, 100, 150, 200 uohms	200A	0.2%
0.5, 1, 1.5, 2 mohms	100A	0.2%
5, 10, 15, 20 mohms	30A	0.1%
50, 100, 150, 200 mohms	10A	0.05%
0.5, 1, 1.5, 2 ohms	3A	0.05%

The currents shown are the continuous rated currents for both AC and DC. Higher currents (as generated by pulse driven instruments) can be used, and with an ON to OFF time ratio of 1:10 or less the allowed peak currents are 10 times those specified above, with an upper limit of 1000A. However, in this case it is important to ensure there are adequate low resistance connections to the DuctorCal's current terminals.