



SIVA INSTRUMENTS

An ISO 9001:2008 Company

# Micro Ohm Meter

(Contact Resistance Meter)

Model: LS100 A DC & Model: LS200A DC



Micro Ohm Meter (Contact Resistance Meter) Model LS100ADC & Model LS200ADC is specially designed to measure contact resistance of EHV circuit breakers, isolators, bus bar joints and connectors/jumpers etc. It is based on four terminal method of measurement & useful for measuring micro ohms to milli ohms. Model : LS100ADC provides 100Amp DC current from a inbuilt constant current source & Model: LS200ADC provides 200Amp DC constant current.

The instrument is capable of carrying out the measurements in live EHV switch yards having high electrostatic and electromagnetic interference. Suitable current rated test leads of 15 meters length with clamps & connectors are supplied with the equipment. Standard shunt is provided with the kit to check the calibration.

## Features :

- Digital Readout of Micro ohms.
- Portable & Handy.
- Useful in Heavy Induction Switch yards.
- Provided with Calibration shunt.

## SPECIFICATIONS

Power Supply	: 230VAC nominal $\pm 10\%$ , 50Hz ( $\pm 5\%$ )
Model LS100ADC	: 100 A DC Regulated Constant current Source.
Model LS200ADC	: 200 A DC Regulated Constant current Source.
Test Current Steps	: 25A , 50A, 75A & 100A in LS100ADC additional Ranges 150A & 200A in LS200ADC.
Measuring Range	: $1\mu$ to 19.99 m
Range Resolution Accuracy	Up to $199\mu$ $0.1\mu$ $\pm 0.5\%$ of the reading $\pm 1$ digit $200\mu$ to 1.99m $1\mu$ $\pm 0.5\%$ of the reading $\pm 1$ digit 2.0m to 19.99m $10\mu$ $\pm 0.5\%$ of the reading $\pm 1$ digit
Display	: 4 ½ Digit LED Display.
Test Lead Length	: 15 meters long.
Environment	: Operating temp. range: 0 – 50°C
Relative Humidity	: 90% RH non condensing.



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Range	Resolution	Accuracy
Up to 199 $\mu$	0.1 $\mu$	$\pm 0.5\%$ of the reading $\pm 1$ digit
200iW to 1.99m	1 $\mu$	$\pm 0.5\%$ of the reading $\pm 1$ digit
2.0mW to 19.99m	10 $\mu$	$\pm 0.5\%$ of the reading $\pm 1$ digit

Display : 4 ½ Digit LED Display.  
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To keep pace with the latest technology Sivananda Electronics reserves the right to update it's system. Hence, information in the brochure is likely to change without notice.

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