



Sivananda Electronics

Deepak Mahal, Lam Road, Deolali, Nashik
Maharashtra, India-422 401
+91 253 249 1816/1504/1423/1129
sales@sivanandaelectronics.com

C BRIDGE MODEL: LSO-9D

Introduction

Some twenty years ago we committed ourselves to fill up the void in indigenous production oriented test equipments for fast growing electronic and electrical component industry, which was then dependent on costly imported equipments. Even the simplest of the equipments were being imported with the omnipresent menace of the servicing problem.

True to our commitment, over the years dedicated and hard core professionals at Sivananda Electronics have come out with a wide range of test equipments to cater to the needs of the Indian Electronics and Electrical Components Industry. The types of equipment ranges from simple but vital equipments to the most sophisticated equipments, semi-automatic and automatic test system using the latest state of art technology.

Prime design criteria are production orientation, speed, accuracy, ease of operation and suitability for diverse climatic conditions and technical level of manpower.

An evergrowing list of satisfied customers including leaders and giants of the electronics, electrical and other industries shows that we have been successful in fulfilling our commitment.

Our constant endeavor is to update the present equipments and bring out new equipments using best and latest in technology as per international trends and practices. A constant feedback from our customers is a source of encouragement in our endeavor.

As our equipments are production oriented, every precaution is taken at each stage of production to ensure a long life and trouble free operation. We also have a well knit team of service engineers to support our after sales service programme. We reach every corner of the country within a short time as our equipments are part of the production.

You have already selected a Winner. Read the manual carefully and proceed to use the equipment with confidence.

The C Bridge LSO-9D uses four armed bridge and takes current in proportion to the value of C to be measured which develops proportional voltage in the secondary of CT which is balanced out by the drop across the resistor branch required for nulling is measured to read capacitance.

The instrument has a range of 0.1mfd to 1000mfd in three ranges, and the test voltage in 200VAC to 600VAC. The LSO-9D can be coupled with Loss Factor Meter Model LPO-5D/5MD, test station and power source to have simultaneous measurement of C & Tan d.

Specification

Capacitance Range	:	0.1 to 1000mfd in three ranges of 19.99, 199.9 & 1999mfd FSD.
Resolution	:	0.1mfd 19.99mfd FSD ± 1 digit.
Accuracy	:	$\pm 0.5\%$ of FSD ± 1 digit
Indication	:	3 $\frac{1}{2}$ digit Panel Meter
Test Voltage applied by external source.	:	Any voltage from 200VAC to 600VAC
Balancing	:	By two controls 'POT' & Indication on 3 $\frac{1}{2}$ Panel Meter. Balancing action by bringing the meter to read minimum.
Warm-up	:	1 Minute
Power Supply	:	230VAC $\pm 15\%$, 50Hz
Weight	:	Less than 15Kg
Dimensions	:	500 X 300 X 200mm

Warranty

Sivananda Electronics warranties its products against defects in material and workmanship for a period of one year from the date of installation or 15 months from the date of dispatch, whichever is earlier. This warranty excludes normal wear on finishes or damage that occurs due to abuse or misuse.

Our Other Products

- ❖ **Instruments:** 200+ types of test equipment's for Power, Wire & Cable, Capacitor, Oil & Petroleum industries are developed by in-house R&D Lab. Surge Testers, Automatic C&Tan Delta Bridges, Transformer Windings Resistance Meters, Oil Insulation Test Kits, Oil Tan Delta, Volume Resistivity & Dielectric constant Meter, Insulation Resistance Tester, Contact Resistance Meter etc.
- ❖ **Security:** Turnstiles, Tripods, Barriers, Metal Detectors, Bollards etc.

Disclaimer : To Keep pace with the technology Sivananda Electronics reserves it's right to update the system without prior consent.

About Us

- 50 years (in 2020) of service to India.
- 1st to develop metal detectors for security in India. Made in India.
- 1st to develop Turnstiles in India. Made in India.
- Eclina Awards (1995), Elecrama Awards (1996), NIMA Awards (1999)
- Leading manufacturers of Security Systems and Test & Measuring Instruments in India.
- Largest supplier of Turnstiles in India in the last 25 years
- 150 different types of Electronic Test & Measuring instruments are indigenously developed for many industries.
- Exporting to 70+ countries.