

TECHNOLOGY**FROM ISRO****Electronic Safety Handheld Ohmmeter (ESHO)**

VSSC has developed the technology of low voltage, low power electronic safety handheld ohmmeter for safe measurement of squib resistance.

**Low Voltage, Low Power
Electronic Safety Handheld
Ohmmeter**
- Device for Safe measurement
of Squib resistance

**Salient Features**

- Low power design – Operates at 1.5V
- Digital display for monitoring
- Wide range of measurement (0-20 kΩ)
- Better resolution (1mΩ in lower range)
- Inherently safe design – no energy storage components used in the squib line
- Maximum fault current in squib line limited to 10mA
- Health monitoring feature – Inbuilt battery voltage and multiplier circuit health monitoring

Range	Resolution	Accuracy & Repeatability	Nominal squib current
SRM (0-20Ω)	0.001Ω	Better than 0.25% of Full Scale Range (FSR)	5.4mA
ISOLATION (0-20 kΩ)	1Ω	Better than 0.1% upto 10kΩ & better than 0.5% of FSR upto 20kΩ	7.2μA

VSSC is willing to offer the technology of ESHO to eligible interested parties who are in the field of manufacturing similar items.

Interested entrepreneurs are requested to contact the address given below with all relevant particulars regarding their line of current activity, infrastructure available, market assessment of the product, financial arrangements made, turn over and sales of their products for the past years and a copy of their latest annual report.

FOR FURTHER DETAILS PLEASE CONTACT:

**TECHNOLOGY TRANSFER & INDUSTRY CO-ORDINATION DIVISION
VIKRAM SARABHAI SPACE CENTRE
INDIAN SPACE RESEARCH ORGANISATION
THIRUVANANTHAPURAM – 695 022
PH: +471 – 2565133/5695
FAX: +471- 2564134
E-MAIL: ttic@vssc.gov.in**