

Electronic Safety Handheld Ohmmeter (ESHO 4.5)

ESHO is a low voltage, low power electronic safety handheld ohmmeter 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 k Ω)
- Better resolution (1m Ω 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 (0-20 Ω)	0.001 Ω	Better than 0.25% of Full-Scale Range (FSR)	5.4mA
ISOLATION (0-20 k Ω)	1 Ω	Better than 0.1% up to 10k Ω & better than 0.5% of FSR up to 20k Ω	7.2 μ A

Technology Transfer from ISRO

ISRO is willing to offer the knowhow of this technology to suitable entrepreneurs / industries in India. Capable manufacturing industries interested in acquiring this knowhow may write with details of their present activities, requirements and plans for implementation, infrastructure and technical expertise available with them, their own market assessment, if any, and plans for diversification to the address given below: