

Electronic Safety Handheld Ohmmeter (ESHO)

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% upto 10k Ω & better than 0.5% of FSR upto 20k Ω	7.2 μ A