



# SE900-MWB

## WIDE BANDWIDTH ACOUSTIC EMISSION SENSOR

The SE900-MWB is a wide bandwidth acoustic emission sensor which provides high reliability at an economical price.

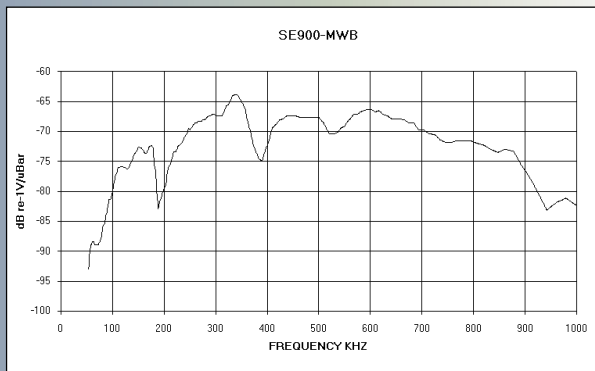
It features 100 to 900KHz frequency response and is delivered with a traceable individual calibration curve. It is provided with a ceramic wear plate that also provides electrical isolation from the part being tested. The case is filled with a DECI proprietary material that provides protection from shock, vibration and water intrusion.

Dunegan acoustic emission sensors enable high-performance testing of pipelines, pressure vessels, storage tanks, offshore oil rigs, nuclear reactors, aerial lift devices, bridges, and other structures subject to catastrophic failure.

### • INDIVIDUALLY CALIBRATED

### SPECIFICATIONS:

Frequency response	100 to 900 kHz. See response curve
Operating temperature	-50 to +125°C
Circuit configuration	Single-ended
Grounding	Case-isolated, with integral ceramic wear plate for electrical isolation
Shock	2000g
Humidity	Waterproof for short periods
Case material	Aluminum, standard Stainless steel available
Weight	12 grams (aluminum case)
Dimensions	0.800" dia x 0.525" high (20mm x 3.12mm)
Connector	10-32 connector, side-mounted
Calibration	Traceable ultrasonic calibration curve supplied



### ACCESSORIES:

- Integral Preamplifier
- MB-1 Cable
- 500J Power Adapter



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