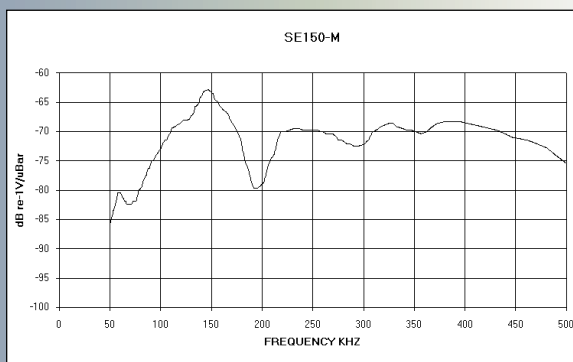




The SE150-M transducer is very similar to the transducer designed by H. L. Dunegan at Lawrence Livermore Labs over 25 years ago. The S-140 produced by Dunegan Research Corporation, and the S9204 produced by Dunegan/Endevco were also transducers of similar design. Improvements incorporated in the SE150-M have resulted in a more rugged transducer that can take a lot of physical punishment. This is primarily due to the proprietary material used to fill the case to protect the active element and electrical connections from shock, vibration, and moisture intrusion. This transducer design has proved very popular over the years for conducting field tests on pressure vessels, piping and other structures.



SE150-M

HIGH PERFORMANCE ACOUSTIC EMISSION SENSOR

• INDIVIDUALLY CALIBRATED

SPECIFICATIONS:

Sensitivity	-65 dB re 1 V/ μ bar, in the 100–300 kHz range
Frequency response	See response curve
Operating temperature	-50 to +125° C
Circuit configuration	Single-ended
Grounding	Case-isolated, with integral ceramic wear plate for electrical isolation
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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