



SE40-Q

LOW FREQUENCY TRANSDUCER

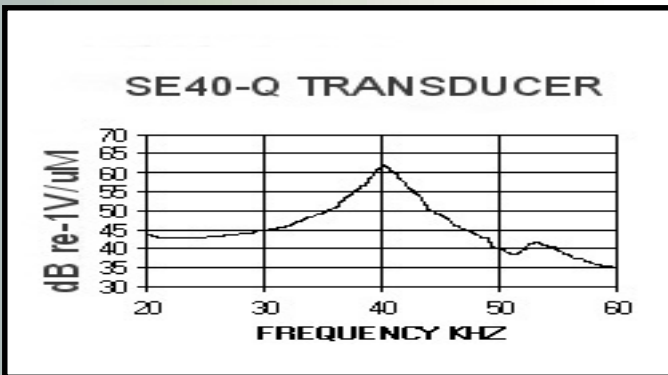
The SE40-Q is a sensitive low frequency transducer that is used in the DECI Termite Tracker instrument. It is also well suited for detecting leaks and the testing of materials exhibiting high attenuation to acoustic emission signals.

It is provided with a ceramic wear plate that also provides electrical isolation between the active element and the structure to which it is attached.

The SE40-Q is calibrated in the displacement mode traceable to NIST and has a sensitivity of approximately 1 volt per nanometer of displacement at 40KHz frequency.

SPECIFICATIONS:

Frequency response:	See calibration curve
Operating temperature	-50 to +100 degrees C
Circuit Configuration	Single ended
Grounding	Ceramic wear plate for electrical isolation
Humidity	Waterproof for short periods
Case Material	304 Stainless steel
Weight	71 grams
Dimensions	0.750" diameter X 2.040" high
Mounting	10-32 side or top mounted
Calibration	Displacement traceable to NIST



ACCESSORIES:

- Integral preamplifier Mini-Preamplifier
- Power Adaptor Termite Tracker



Dunegan Engineering Consultants, Inc.
 P.O. Box 61808 • Midland, TX 79711
 Telephone: (432) 561-5901 • FAX: (432) 563-0178
 Email: hal@deci.com • Homepage: www.deci.com