ROTARY SCREW COMPRESSORS
Rotary screw compressors, both oil-free and oil-flooded, can provide a unique set of challenges to the predictive maintenance professional. Accelerometers used in these applications must be capable of detecting vibration through a very wide frequency band allowing the user to pickup faults such as pitting in the race of the bearings, oil injection issues or rotor mesh. Mounting is generally recommended on the casing of the compressor as close to the radial bearings as possible. A comprehensive predictive maintenance program that includes monitoring vibration on typically critical rotary screw compressors can improve downtime and increase efficiency with maintenance scheduled in advance of catastrophic failure.

**PRECISION ACCELEROMETER**
MODELS 622B01, 622B11 AND 622B61

- Full frequency sweep calibration: 5% sensitivity deviation tolerance
- 15 kHz high frequency response ideal for early detection of bearing faults
- Ideal for route-based data collection
- Integral cable with or without armor available

**VERY HIGH FREQUENCY ACCELEROMETER**
MODEL 621C40

- 30 kHz frequency, even with magnet
- Titanium housing
- Smallest available footprint

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This high frequency 10 mV/g accelerometer kit features a very small accelerometer with a magnet and cable assembly

- High frequency response to 30 kHz, even when mounted magnetically
- Supplied with 5 ft. cable with BNC plug termination
- Kit features Model 621C40 accelerometer with titanium housing
ACCESSORIES

CABLES & CONNECTORS

- **Coiled TPE Cable with BNC Plug to 2-Pin Mil Connector**
  - Model 050LQ006AC Cabling

- **Polyurethane Cable with BNC Plug to 2-Pin Mil-Style Connector**
  - Model 508BR010AC Cabling

MOUNTING HARDWARE

- **Sensor Mounting Pad**
  - Model 080A93: Ø0.75"
  - Model 080A118: Ø1.0"

- **Flat Surface Magnet**
  - Model 080A121

- **Curved Surface Magnet**
  - Model 080A131: Ø1.0"
  - Model 080A132: Ø1.5"

- **High Frequency Magnet**
  - Model 080A157

ENCLOSURES

- **12-Channel BNC Termination Enclosure**
  - Models 691A50/12, SS691A50/12
  - Stainless steel available

- **4-Channel BNC Termination Enclosure**
  - Model 691A51/04

- **6-Channel BNC Switch Box**
  - Models 691C41, SS691C41
  - Stainless steel available

- **12-Channel BNC Switch Box**
  - Models 691C42, SS691C42
  - Stainless steel available