RECIPROCATING MACHINERY
Years of frustrating unanticipated reciprocating compressor failures have lead to the development of the IMI® Reciprocating Machinery Protector (RMP). IMI developed the RMP product line to detect impacts caused by looseness of internal parts. Depending on the amplitude of the impact and how many times the impact occurs within a specified time window, the appropriate 4-20 mA signal is provided. The industry leading USB programming capability makes it easy to match the RMP to any reciprocating application. For properly running machinery, the IMI® RMP allows you to trend peak acceleration data.
USB PROGRAMMING KIT
MODEL 600A35
- Customize settings on your USB programmable sensor
- Kit includes CD-ROM software & cable adapters

RECIPROCATING MACHINERY PROTECTOR
MODEL 649A01
- Detects faults / mechanical looseness in reciprocating compressors
- Outperforms impact transmitters
- Continuous trending, with alarm & alert levels for early warning

CERAMIC SHEAR ICP® ACCELEROMETER
SERIES EX622B01
- Sensitivity: (±5%) 100 mV/g (10.2 mV/(m/s²))
- Frequency Range: (±3dB) 12 to 900000 cpm (0.2 to 15000 Hz)
- Sensing Element: Ceramic
- Measurement Range: ±50 g (±490 m/s²)
- Weight: 3.3 oz (94 gm)

4-20 MA PRESSURE SENSOR
SERIES 1503
- Mounts on the compressor
- Withstands sour gas environments
- 1/2” NPT fitting

CERAMIC SHEAR ICP® ACCELEROMETER
SERIES EX622B01

4-20 MA PRESSURE SENSOR
SERIES 1503

USB PROGRAMMING KIT
MODEL 600A35

RECIPROCATING MACHINERY PROTECTOR
MODEL 649A01

- Detects faults / mechanical looseness in reciprocating compressors
- Outperforms impact transmitters
- Continuous trending, with alarm & alert levels for early warning
IMI Sensors, a division of PCB Piezotronics, Inc. manufactures industrial vibration monitoring instrumentation, such as accelerometers, vibration transmitters and switches that feature rugged stainless steel housings and survive in harsh environments like paper and steel mills, mines, gas turbines, water treatment facilities and power plants. Integrating with portable analyzers and PLC’s, IMI instrumentation helps maintenance departments reduce downtime and protect critical machinery. Visit IMI Sensors at www.pcb.com. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corporation. Additional information on MTS can be found at www.mts.com.