



MONARCH INSTRUMENT

Innovation in Instrumentation

PART NO. DESCRIPTION

6400-010 **EXAMINER 1000 SYSTEM (Vibration Meter & Electronic Stethoscope)**

\$2,700

Hand-held, battery-powered overall vibration meter and electronic stethoscope for use in predictive maintenance programs aimed at improving machinery reliability and enhancing productivity.

Features

One-button operation

Front Panel Severity Chart: Instant assessment of Vibration (Plan your repairs)

Multi-parameter readings: Power to trend defects and eliminate unplanned failures

Stethoscope: Hear what you see in the digital display

Included components: -

Digital Vibration Meter

Electronic Stethoscope

On-Time GP 'Trending' Software

Sensor PAK: -

- Industrial Accelerometer, 100 mV/g and integral 6 foot cable with BNC connector, 1/4" x 28 tapped hole
- AlNiCo Magnet, 2-pole, 38 mm Diameter x 35 mm Height with 1/4" x 28 tap, 30 Lbs pull force
- Connecting Stud, Hex Socket/Cup Point Set-Screw, Steel 1/4"-28 thread x 1/2"
(Adapts Magnetic Base to Accelerometer or Stinger to Accelerometer)
- Stinger, 4.5" Stainless Steel Probe with 1/4" x 28 tap

Headphones: Passive Noise Reduction, 40 Hz - 20 kHz, 3.5 mm stereo plug, coiled 8 foot cable

Carrying Case

Manual

"AA" Batteries x 2

Machinery Data Worksheet

Technical Data

Vibration Sensor:	Piezoelectric Accelerometer 100 mV/g
Display:	LCD 3.5 digit with measurement, hold and low battery indicators
Range:	Acceleration: 0.01 to 19.99 g (RMS) Velocity: 0.01 to 19.99 in/sec (RMS) Envelop: 0.01 to 19.99 ge (PEAK)
Frequency Range:	Overall: 10 Hz to 10 kHz Envelop: 5 kHz to 10 kHz
Output:	Audio (3.5 mm) mini plug Sensor Power: 12 vdc @ 2mA
Power:	Alkaline "AA" cell Batteries x 2
Operating Time:	20 hours continuous without phones
Weight:	1.30 kg (Complete Kit)
Dimensions:	152 x 83 x 32 mm
Operating Conditions:	-10°C to 50°C

