

PREDICTIVE
MAINTENANCE
SYSTEMS

PROTECTING
YOUR
INVESTMENT

SENSOMICS

PRODUCT OVERVIEW



MONITORING INDUSTRY WORLDWIDE

Sensonics is a global player in the design, manufacture and supply of monitoring instrumentation, providing predictive maintenance systems for industries such as power generation, petrochemical, paper production, process manufacturing and many other sectors where critical rotating plant conditions prevail.

For over twenty five years our equipment has been used to monitor:

- | **VIBRATION** | **TEMPERATURE** | **BEARING CONDITION**
- | **DISPLACEMENT** | **SPEED** | **SEISMIC ACTIVITY**

TRANSDUCERS

The Sensonics range of industry proven high quality transducers for monitoring vibration and displacement includes

- | Velocity Transducers
- | Accelerometers
- | Eddy Current Probes
- | LVDT's and RVDT's



All Sensonics transducers have been independently tested and approved for use in harsh environments and feature a wide range of options to suit all industry applications including hazardous areas.

PORTABLE DEVICES

Sensonics are able to offer or recommend hand held data collectors and analysers from a range of manufacturers to best suit any particular application.



ANCILLARY EQUIPMENT

As well as its extensive predictive maintenance product range, Sensonics can also supply the following:

- | Bracketry and Cubicles
- | Cabling and Electronics
- | Full Documentation

COMPREHENSIVE CUSTOMER SUPPORT

As well as providing the highest quality products, Sensonics offer a range of support services including:

- | Installation and commissioning
- | Maintenance and contracting
- | Diagnostics
- | Consultancy and data management
- | Product repair
- | Site Surveys
- | Professional training
- | On Site/Off Site Calibration

ON-LINE CONDITION MONITORING

Sensonics can offer multi-purpose computer based systems that are fully compatible



with all installations and that feature advanced capabilities enabling totally integrated remote location monitoring:

- | Any transducer input accepted
- | High speed data capture
- | High spec analysis
- | Customer specified configuration
- | Powerful graphics/data display

SIGNAL CONDITIONING SYSTEMS

Sensonics offer a wide range of advanced single channel and multi channel analogue and digital equipment for all machine-monitoring applications.

- | Single Channel monitoring
- | Low cost multi channel monitoring
- | Discrete multi channel systems
- | Digital and analogue options

All Sensonics monitors feature a wide range of configuration options to ensure their suitability for any application.



SEISMIC PROTECTION

Sensonics manufactures a range of devices for the measurement and monitoring of seismic activity in the vicinity of industrial or civil installations.

- | Seismic Switches
- | Digital seismometers
- | Recording and replay systems
- | Alarm voting systems



Applications

- Fans**
- Motors**
- Gearboxes**
- Pumps**
- Centrifuges**
- Vibrating Screens**
- Conveyors**
- Dryers**
- Air Handling Units**
- Press/Machine Tools**
- Engines**
- Steam Turbines**
- Gas Turbines**
- Paper Mills**
- Steel Mills**
- Gas Circulators**
- Cooling Towers**
- Compressors**
- and any other critical rotating machinery**



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PRODUCT RANGE

- PZ Range of Industrial Accelerometers & Velocity Transducers
- SENTURION Eddy Current Probe Systems
- LVDT Displacement Transducers & Conditioning Units
- SENTRY Programmable Machine Protection System in 19" Rack Format
- AEGIS Machine Condition Monitoring System in 19" Rack Format
- DN2600 Series of Single/Dual Channel Monitoring Equipment in DIN Rail Mountable Format
- PLANTSCAN 2/4/6/8 Channel Wall Mounted Vibration Monitor
- ME9601 Single Channel Wall Mounted Vibration Monitor
- VIBCHECK Hand Held Vibration Monitor
- Data Collector Accessories & Switchboxes
- Turbine Supervisory Equipment
- Seismic Protection Systems

Due to Sensonics policy of constant improvement, designs may be subject to alteration without notice.

To order or request a sample or further information

Call Sensonics NOW on:

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If you are at all unsure about Sensonic products and systems contact our technical sales department, who will be delighted to offer advice without obligation.