**SDT200**

**THE FIRST STEP TO PREDICTIVE MAINTENANCE**

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**ONE ULTRASOUND DETECTOR, MANY APPLICATIONS**

### PREVENTIVE MAINTENANCE
- Bearing Condition Monitoring
- Acoustic Lubrication
- Pump Cavitation
- Gear Condition Monitoring
- Electrical Inspection
- Tightness Testing

### ENERGY SAVINGS
- Compressed Air Leak Detection
- Steam Trap Inspection
- Valve Inspection
- Vacuum / Gas Leak Detection

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SDT200 ULTRASOUND DETECTOR

Features

- 4 condition indicators for a more thorough diagnosis:
  RMS, maxRMS, Peak and Crest Factor.
- Storage for 4000 measurement points - time and date stamped over 500 tree node locations.
- Data Dump software for transfer to PC.

Optional sensors

Airborne sensors :
- Flexible sensor
- Parabolic sensor with laser beam (4 to 60 meters range)

Contact sensors :
- Threaded sensor with mounting pads or magnetic mount
- Needle contact sensor

Intrinsically Safe

The SDT200 detector is also available in ATEX version for potentially explosive environments, as are the flexible sensor, the contact probe, the threaded sensor and the headphones.
ATEX Directive 94/9/CE (II 1 G / Ex ia IIC T3/T2 Ga).

Standard Components

- SDT200 detector equipped with an internal ultrasonic sensor
- Internal laser temperature sensor
- Noise-isolating Peltor headphones
- Battery and charger
- USB cable and DataDump software
- Shoulder strap and leather belt attachment
- Transport case

Optional sensors

Airborne sensors :
- Flexible sensor
- Parabolic sensor with laser beam (4 to 60 meters range)

Contact sensors :
- Threaded sensor with mounting pads or magnetic mount
- Needle contact sensor

Accessories :
- extended distance cone
- Hygrometer
- Pyrometer
- Ultrasound transmitters

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SDT: world leader in ultrasound detection

SDT’s expertise has made it the undisputed leader in its field. SDT designs and produces measuring instruments for ultrasonic leak detection, predictive industrial maintenance, tightness testing and quality control. SDT’s success is built on its determination to provide effective and preventive solutions to its customers’ needs thus enabling them to optimize their profitability.

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