



SDT200

Ultrasound Detector



Preserve the health of your assets with the SDT200 ultrasound detector. Hear air leaks, trend and monitor the condition of your bearings, safely inspect electrical panels and schedule repairs on your own terms, long before they shut you down – all with ultrasound technology.

The SDT200 meets the requirements set by ATEX for use in the most dangerous and potentially explosive atmospheres in the world. For the first time, ultrasound inspectors working in intrinsically safe-rated zones now have access to the unique and advanced features of the SDT200.

BENEFITS

- Built-in ultrasound sensor
- Built-in temperature sensor with a laser pointer for pinpoint accuracy
- Wide range of available airborne and contact sensors
- Digital measurement display
- Intuitive navigation with icon-based menu
- Four condition indicators for more ways to interpret data
- Predefined node tree with 4,000 measurement points
- DataDump software transfers data to PC
- Available in ATEX version
- Device and software available in six languages (EN, FR, DU, GE, ES, IT)



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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

Specifications

Bearing Monitoring	Identify early-stage bearing defects to prevent unplanned failures
Leak Detection	Find and fix leaks to cut your energy costs by 40%
Electrical Systems	Scan your electrical systems for partial discharge faults
Steam Traps	Identify failed steam traps that reduce system efficiency
Valve Monitoring	Inspect valves to identify defect conditions
Condition Monitoring	Keep a pulse on the condition of your plant's assets
Marine Applications	Tightness testing and condition monitoring keeps your vessel "Ship Shape"
TankTest	Reveal leaks in underground storage tanks

Standard Components

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

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



Although every effort is made to ensure that the information contained in this document is accurate, I-care is not responsible for any errors. Specifications are subject to change without notice.

Would you like to know more about how I-care™ can help you reduce your downtime? Visit our website or contact us!