Training

Training is a cornerstone of an effective and enduring ultrasound program.
Companies that invest in training experience faster return on investment and full adoption of applications.

Partner with SDT for:
- Certification Training: ISO CAT1, ASNT Level 1 & 2
- Implementation Training: Hardware, Software, Applications
- Application Training: Focused “How To” Sessions
- LUExpert Training: Acoustic Lubrication Workshops
- Partnered Ultrasound: 1 and 2 Year Mentorships

Support

SDT builds rugged solutions that last a lifetime.
Our after sales support team is here to ensure your ultrasound investment continues to function for the long haul.
Whether its calibrating and updating the firmware of your hardware, or administering the latest software updates, you can depend on our globally located service centres to keep your SDT Solution in factory condition.

LIFETIME WARRANTY

SDT products are built to last a lifetime...
And so is our WARRANTY.
Ask us about our LIFETIME WARRANTY today.

Sensors and accessories

Contact sensors
Vibration sensors
Non-contact sensors
Ultrasonic transmitters

SDT340 Features and Technical Specifications

On-board measurements
- Ultrasound, Vibration, Infrared temperature and Tachometer

Sensitivity
- Class I instrument exceeding ASTM 1002-11 requirements for gas leak detection using the appropriate sensor

Dual Sensor Inputs
- One for ultrasound measurement and one for vibration

Display
- Full color TFT 3.5” screen 320x480

Time signal and spectrum
- On-screen time waveform and FFT.
- Panning and zooming for signal navigation.

Housing
- Extruded aluminum, shock proof rubber protections

Frequency range
- 20 kHz to 50 kHz (ultrasound).
- 10 Hz to 10 kHz (vibration)

Dimensions
- L x W x H 221 x 93.5 x 44 mm

(8.7 x 3.7 x 1.7 inches)

Sampling rate
- 32, 64, 128 and 256 kHz oversampling

Signal length per recording
- 600 seconds (32 kHz sample rate) or 150 seconds (128 kHz focUS Mode )

Data memory
- 4.2 GB allowing the storage of 71 minutes of signal sampled at 128 kHz or 286 minutes at 32 kHz

Weight
- 720 g (25.4 oz), including battery

Bluetooth
- For audio streaming

Warranty
- Lifetime warranty.

Visit www.sdtultrasound.com for details

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SDT Mission

SDT provides ultrasound solutions that help our customers gain a better understanding about the health of their factory. We help them predict failures, control energy costs, and improve product quality while contributing to the overall reliability of their assets.
SDT340, together with UAS4.0, is a cloud connected condition monitoring solution. Detect, trend, and analyze asset health by viewing the ultrasound and vibration time signal and spectrum directly on the SDT340's color display. Manage the results with UAS4.0, a scalable, multi-technology, multi-platform application that lets you access data from your desktop, server, or in the cloud.

Enhance productivity in the field with on-screen time signal, spectrum, split screen view, and icon navigation. Experience enhanced impact detection with focUS Mode. See defects others simply cannot. Pan and expand your time signal or spectrum and list the highest values to improve in-field diagnosis. Cut the cord with SDT340's high definition Bluetooth headphones. With over 4 GB of storage, record data longer on slow speed machines and never run out of memory.

The 3.5” color display gives you a crystal clear view in the darkest conditions. Record time waveform data up to 10 minutes in duration with enhanced signal data. Recall historical data for trending and alarming in-the-field acquisition. The intuitive interface to UAS4.0 allows for data collection in "off-route" mode. With focUS Mode, enjoy enhanced signal resolution with sampling rates up to 256k.

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* On demand. Case-by-case.