![DST Discovery Sound Technology logo]

Product Catalog

MSi150 Ultrasound Diagnostic System

The MSi150 Ultrasound Diagnostic Probe digitally captures SoundEnergy™ and SoundSignature™ readings to provide real-time diagnostics on equipment condition. These audible sound files are analyzed using patented software to identify the equipment operating properly and those requiring attention. The MSi150 is capable of detecting and recording up to 150SE (SoundEnergy™).

- Two modes: data collection and discovery mode
- Dual channels to share data with the DSTAPP and stream audio to earbuds
- Military grade connector for multiple sound collection attachments
- LED spotlight provides increased visibility
- Lightweight & ergonomic design
- Self-calibrating technology

**Software
32GB of data storage
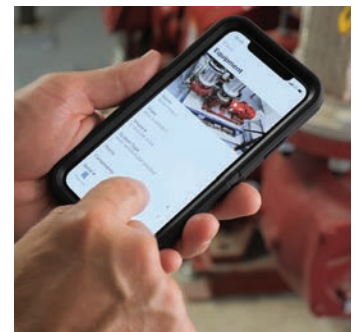wireless firmware
upgrading capability**

MSi150 Mobile Diagnostic Tool

- 0-150 SoundEnergy™ range
- SoundEnergy™ Discovery Mode
- 3.6v rechargeable Li-Ion battery w/extended run-time
- Detachable FlexWand Probe
- Integrates to DST's mobile APP
- Includes battery charger, belt clip, and carrying case
- Optional attachments: extendable FlexCable probe & RCA adapter

Integrated Technology

- Connects with DSTAPP on iOS and Android mobile devices
- Pairs to headsets/ earbuds
- Livestreaming of audio to technician
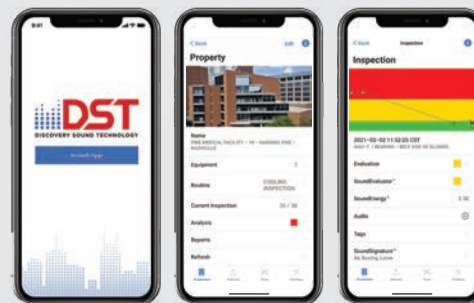- Bi-directional data syncing

DSTAPP

DSTAPP is a comprehensive PdM inspection platform for technicians to easily capture, analyze, and trend "real time" diagnostic information on the health of HVAC/R equipment. DSTAPP connects our Ultrasound Collection Devices with our Cloud-based Discovery Platform while offering the capability for technicians to collaborate while working on a roof, email reports to an account manager, complete customizable tasking sheets, document or video inspection issues and capture all property asset information.

DSTAPP works on iOS and Android mobile devices

Key Features

- Survey, set-up and inspect equipment on a single property visit
- Create maintenance inspection workflows and compliance trackers
- Customizable PM tasking sheets and inspection reports with graphs
- Video & photo documentation using a device's built in camera
- Easily access all inspection data and audio files
- Geo-fencing, API and optical character recognition software capabilities

MSi150 Accessories

Veto Pro Pac®
Custom DST Back Pack
VPP150

- Dedicated MSi150 compartment
- Non-tipping, waterproof base
- EVA thermoformed backpad
- Designed for maximum tool storage capacity and easy access

Remote Monitoring Console
RMx16

- Safely and efficiently monitor multiple parts on inaccessible equipment & systems
- Capture real-time equipment condition analysis using MSi150 for inspection readings
- Simple wire installation with removable circuit board design
- Capacity up to 16 sound sensors

Continuous Monitoring Console
CMx16

- Safely and continuously monitor multiple parts on critical and/or inaccessible equipment & systems
- Cellular connectivity to DST's cloud based analytics platform
- Monitor equipment condition from a phone, tablet or PC
- Ability to take inspection readings on equipment points up to every hour, every day
- Simple wire installation with removable circuit board design
- Capacity up to 16 sound sensors

Sound Sensor
with Curved Base
SSr-CB

- For adherence to curved surfaces
- Patented non-contact sound sensor
- Detachable SSr base for repair or replacement

SSr Cable to RMx/CMx
CBL-SMA25 - 25Ft Cable
CBL-SMA50 - 50 Ft Cable
CBL-SMA100 - 100 Ft Cable

- Flexible coaxial cable
- Low attenuation
- 50 Ohm/PE dielectric

Sound Sensor
12lb Magnet Base
SSr-MB

- For temporary or permanent placement
- Patented non-contact sound sensor
- Detachable SSr base for repair or replacement

MSi150 To RMx Adaptor
RMX-RCA

- MSi150 adaptor to take readings from RMx's console

MSi Dual Charger
BC100

- 3-hour charge time
- Battery diagnostics indicator
- Charges one battery at a time
  *Battery not included

3.6V Lithium Ion Battery
B6700

- High capacity, 6700 mAh cells with up to 14 hours of runtime
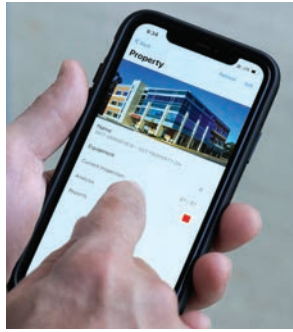- No memory and limited self-discharge for maximum productivity
- Rechargeable

MSi150 Flexwand Probe
FWP200 - 20" Length
FWP300 - 30" Length

- Heavy duty, ½" diameter flexible sound wand
- Patented non-contact sound cup & transducer

MSi150 FlexCable Probe
FCP280

- Heavy duty cable with magnetic sound sensor
- Expandable up to 8 feet

The Discovery Sound Technology Difference

DST's patented technology redefines how ultrasound is gathered and utilized. Our solution transforms maintenance operations by empowering technicians with a diagnostic system to predict equipment failure, extend equipment life, and lower total costs.

- DST is an easy-to-use system that generates real-time diagnostics on equipment condition and life expectancy. Every reading is date and time stamped.

- DST digitally captures SoundEnergy™ and SoundSignature™ samples then quickly analyzes the readings using our patented SoundEvaluator™ processing method to identify equipment operating properly and those requiring attention.

- DST offers a self-calibrating, ultrasound diagnostic system that captures, analyzes, trends and documents large amounts of routine inspection data.

- DST is effective in detecting air, gas or refrigerate leaks and identifying electrical or steam trap issues before they become expensive undetected problems.

Delivering Technology Solutions
That Transform Predictive and Planned Maintenance

DST
DISCOVERY SOUND TECHNOLOGY

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