



SDT ULTRASOUND SOLUTIONS

# PRODUCT CATALOG

SDTUS.COM



# WHY ULTRASOUND?

For millennia, humans relied upon a keen sense of hearing to alert us of danger, and today that same attribute warns us when our assets are about to fail. The earliest indication of a change in an asset's condition is discovered in the ultrasonic domain, no matter how subtle those changes might be. Ultrasound senses micro-sonic changes in an asset's function, allowing us to anticipate failures and plan maintenance interventions.

At SDT Ultrasound Solutions, we enable our customers to achieve their operational objectives by improving the reliability of their assets.

We have supported industry with our advanced ultrasound solutions for nearly 50 years; Promoting more reliable, sustainable, and safe manufacturing processes and empowering maintenance and reliability teams to better understand the health of their most critical production assets.

SDT's Ultrasound Condition Monitoring, Vibration Analysis, and Acoustic Imaging Devices foresee production asset failures, eliminate energy waste, and improve profitability.





MECHANICAL



LEAKS



LUBRICATION



ELECTRICAL



VALVES



STEAM



HYDRAULICS



TIGHTNESS

# ULTRASOUND IS RELIABILITY'S FIRST LINE OF DEFENSE

Ultrasound's hyper-sensitivity towards friction, impacting and turbulence not only gives it leading detection capabilities as a condition monitoring technology - but also allows for extreme versatility in detecting a wide range of defects across a number of different asset classes.

The accuracy & repeatability of SDT's Ultrasound Data Collectors is why we're trusted by the world's most reliable companies.

Monitor all **8 - Pillars of Ultrasound:** Mechanical Condition Monitoring, Precision Lubrication, Compressed Air & Gas Leak Detection, Steam Trap & Valve Testing, Electrical System Inspection, Tightness Testing, and Hydraulic System Fault Detection.



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# SDT KITS



# SDT340



## SDT340 Pro 3 System

FS.R340.PU3

SDT340 System w/ UAS3, ULTRAsense, RS2T, 10.8" RS2N,  
FLEX2, AC1, SDT930 Case, Device Holster, Bearing  
Toolbox and Accessories

# SDT340



## SDT340 Base System

FS.R340.SYS

SDT340 w/ Battery, Charger, Headphones, Cable, ULTRAsense, SDT930 Case and Accessories



## SDT340 Pro Lite System

FS.R340.PLT

SDT340 System w/ UAS Lite, ULTRAsense, RS2T, 10.8" RS2N, FLEX2, AC1, SDT930 Case and Accessories



## SDT340 Pro NSW System

FS.R340.PU3-NSW

SDT340 System w/ UAS3, ULTRAsense, RS2T, 10.8" RS2N, FLEX2, AC1, SDT930 Case, Device Holster, Bearing Toolbox and Accessories

# LUBExpert



## LUBExpert Base System

FS.LBX.003-02

LUBExpert Base w/ LUBEsense1, Cradle, Device Holster and Accessories, Requires Existing UAS3 Master License



## LUBExpert Static System

FS.LBX.003

LUBExpert Static w/ LUBExpert Essentials, UAS3 Master, LUBEsense1, Cradle, Device Holster, Bearing Toolbox and Accessories



## LUBExpert Dynamic System

FS.LBX.006

LUBExpert Dynamic w/ LUBExpert Essentials, UAS3 Master, LUBEsense1, Cradle, Device Holster, Bearing Toolbox and Accessories



## SDT LUBExpert On-Guard Permanent System

FS.SRL.000-01

LUBExpert On-Guard system w/ 8 Channels, Includes ON-Guard Module, Software, 4-20 True COMMONSense Sensors, Automatic Lubrication Drives and Cables

*\*Coated Steel Enclosure (FU.SRL.ENC.001-01) Must be Purchased Separately*

*\*Refer to page 60 for other part numbers*



## SDT LUBExpert On-Guard Mobility System

FS.SRL.DUM.001-02

LUBExpert On-Guard Mobility System w/ 4 Channels, Includes On-Guard Module, Software, 4-20 True COMMONSense Sensors, Automatic Lubrication Drives, Accessories and Custom Carrying case

# ULTRAChecker

## SDT ULTRAChecker Pro System

FS.ULC.002-01

ULTRAChecker w/ RS2T,  
ULTRASense, FLEX2,  
Lube Adapter and Accessories



## SDT ULTRAChecker System

FS.ULC.001-01

ULTRAChecker w/ RS2T, ULTRASense and Accessories



## SDT ULTRAChecker PD System

FS.ULC.003-01

ULTRAChecker w/ RS2T, ULTRASense, T-Sonic 1, ParaDish2,  
and Accessories

# Checker Range

Application-Based



## SDT LUBEChecker System

FS.LBC.001-02

LUBEChecker w/ LUBEsense1, Cradles and Accessories



## SDT TRAPChecker System

FS.TPC.001-02

TRAPChecker w/ 3.2" RS2N and Accessories



## SDT TIGHTChecker System

FS.TIC1.001-01

TIGHTChecker w/ FLEX2, T-Sonic1 and Accessories



## SDT LEAKChecker System

FS.LKC.001-01

LEAKChecker w/ Accessories



## SDT HATCHecker System

FS.HTCH.001-01

HATCHecker w/ FLEX2, T-Sonic9 and Accessories



## SDT SonaVu Plus

### Ultra System

FS.SVU.PULC.001

SDT SonaVu Plus w/ ULTRAChecker,  
Headphones and Accessories



## SDT SonaVu Plus System

FS.SVU.PLS.001

SDT SonaVu Plus w/ Accessories



## SDT SonaVu Plus System ATEX

FS.SVU.PLEX.001

SDT SonaVu Plus ATEX w/ Accessories



**ULTRASentry Transmitter Module**  
FU.2CHTX.001-01

/w 2 Static Channels Ultrasound, Long Range Wireless, M8 4-20mA, DC Power or Battery Power, For use with ULTRASentry Communication Gateways



**ULTRASentry Transmitter Module**  
FU.4CHTX.001-01

/w 4 Static Channels Ultrasound, Long Range Wireless, M8 4-20mA, DC Power only, For use with ULTRASentry Communication Gateways



**ULTRASentry Communication Gateway Lite**  
FU.WRCV.001-01

Supports up to 60 Transmitters, Wi-Fi, Ethernet, for use with FU.2CHTX.001-01 & FU.4CHTX.001-01 Gateways



**ULTRASentry Communication Gateway**  
FU.WRCVC.001-01

Supports up to 60 Transmitters, LTE Cellular (requires SIM card), Wi-Fi, Ethernet, for use with FU.2CHTX.001-01 & FU.4CHTX.001-01 Gateways

# Vigilant System



## Vigilant Permanent Module

FS.VGLS.001-01

Vigilant Monitoring Module w/ Power Supply, Eight Dynamic Channels Ultrasound or Vibration, 4 Static Channels, Supports Ethernet, USB, OPC and MODBUS TCP Communication Protocols



## Vigilant Permanent Eight & Eight Module

FS.VGLC.001-01

Vigilant Monitoring Module w/ Power Supply, Eight Dynamic Channels Ultrasound or Vibration, 8 Static Channels, Supports Ethernet, USB, OPC & MODBUS TCP Communication Protocols



## Vigilant Mobility Module

FS.VGLM.001-01

Vigilant Monitoring Module w/ Case, Power Supply, Wifi Router, 8 Dynamic Channels Ultrasound or Vibration, 4 Static Channels, Supports Ethernet, USB, OPC and MODBUS TCP Communication Protocols



## Vigilant Proximity Sensor

FU.SEN.PS12.001-01

For Measuring Rotational Speed, Vigilant Permanent or Mobility Modules w/ integral cable; Sensor PS12 to blunt cut, M12 connector included, Length= 6ft/1.8m, IP65

## VIGILANT KEY ACTIVATION UPDATES

### Vigilant Key Activation, Order Tracking

FU.VGL.ORT.001

For Vigilant Monitoring Module, Real-Time Frequency Order Tracking for Variable Speed Applications

### Vigilant Key Activation, Phase Tools

FU.VGL.PT.001

For Vigilant Monitoring Module, Phase Diagram Activation, Displays Phase and Peak Parameters

### Vigilant Key Activation, Advanced Capture

FU.VGL.ADC.001

For Vigilant Monitoring Module, Advanced data storage strategies based on State Transitions, Alarm Changes or Monitoring Cycles

### Vigilant Key Activation, Orbit & Shaft Centerline Widget

FU.VGL.OSC.001

For Vigilant Monitoring Module, Orbit Widget and Shaft Centerline Activation, Provides a visual picture of the rotating shaft in motion

# SDT200



## SDT200SD Base System FSLR200SD-BASE

SDT200SD w/ DataDump, RS2T and Accessories



## SDT200SD Surveyor System FSLR200SD-ELS

SDT200SD w/ DataDump, FLEX2, EDS  
and Accessories

# SDT270



## SDT270SD Base System

FSLR270SD-BASE

SDT270SD w/ DataDump, RS2T and Accessories



## SDT270SD Surveyor System

FSLR270SD-ELS

SDT270SD w/ DataDump, FLEX2, EDS and Accessories



## SDT270 Pro NSW System

FS.R270.PRO-NSW

SDT270DU w/ No Software, RS2T, 10.8" RS2N, FLEX2, AC1, Device Holster, SDT930 Case and Accessories



## SDT270 Pro 3 System

FS.R270.PRO

SDT270DU w/ UAS3, RS2T, 10.8" RS2N, FLEX2, AC1, Bearing Toolbox, Device Holster, SDT930 Case and Accessories

# **SHERLOG Systems**

Marine Specific Applications



## **SHERLOG MATE System**

### SHERLOG MATE

SDT200SD w/ DataDump, T-Sonic9, FLEX2  
and Accessories



## **SHERLOG MASTER Kit**

### SHERLOG MASTER

SDT270SD w/ Sherlog Reporter, T-Sonic9,  
FLEX2 and Accessories

# SDT270 Upgrades

## SDT270 PLATFORM UPGRADES

### Platform Upgrade, SB to SD w/ DataDump

#### License

FAUPGRKEY270SD

For SDT270 Only, Upgrade SDT270SB to SDT270SD, 1 Installation DataDump License

### Platform Upgrade, SB to DU

FAUPGRKEY270DU

For SDT270 Only, Upgrade SDT270SB to SDT270DU

### Platform Upgrade, SD to DU

FAUPGRKEY270SD-DU

For SDT270 Only, Upgrade SDT270SD to SDT270DU

### Platform Upgrade, SU to DU

FAUPGRKEY270SU-DU

For SDT270 Only, Upgrade SDT270SU to SDT270DU

### Platform Upgrade, SD to DD

FAUPGRKEY270SD-DD

For SDT270 Only, Upgrade SDT270SD to SDT270DD, 1 Installation DataDump License

### Platform Upgrade, SD to DW

FAUPGRKEY270SD-DW

For SDT270 Only, Upgrade SDT270SD to SDT270DW  
Req. DMSI MAINTelligence Interface for SDT270DW  
Driver

## SDT270 ACTIVATION UPGRADES

### Key Activation, Temperature

FAUPGRKEY270T

For SDT270/200/LUBExpert, Sensor ID: TEMP2

### Key Activation, Tachometer

FAUPGRKEY270R

For SDT270 Only, Sensor ID: RPM270

### Key Activation, Vibration

FAUPGRKEY270A

For SDT270 Only, Sensor ID: AC1, No ATEX

### Key Activation, Sherlog w/ Sherlog Reporter License

FAUPGRKEY270SH

For SDT270 Only, 1 Installation Reporter License

### Key Activation, LUBExpert

FAUPGRKEY270L

For LUBExpert/SDT270DU/SDT270SU, Sensor ID:  
LUBEsense1



### LUBExpert Upgrade System for SDT270DU/SU-MK2

FA.UKIT.R270.LBX

For SDT270DU/SDT270SU, NE280 xxx xxx, LUBExpert Key, LUBEsense1, Cradle and Accessories

# UAS3

## Ultranalysis Suite

SD-DU Upgrade

### DU Upgrade Pack, Platform and Master Site License

FA.UKIT.R270.SD-DU

For SDT270 Only, Upgrade SDT270SD to SDT270DU,  
1 UAS3 Networked License, Dynamic

# Ultranalysis Suite



## Ultranalysis Suite 3 Master Site License, Network FASFTWUAS3M

For SDT340/270/LUBExpert, 1 UAS3 Installation  
Networked License

## Ultranalysis Suite 3 Additional Site License, Network FASFTWUAS3S

For SDT340/270/LUBExpert, 1 UAS3 Installation  
Networked License, Must Have Master SiteBUS TCP  
Communication Protocols

## Bearing Toolbox Fault Frequency Database and Cursors Upgrade FASFTWUAS3-BEAR

For SDT340/270/LUBExpert Dynamic, Single License  
Upgrade, Must have active UAS3 License

# SDT Training



## ISO CAT Level I Preparation Course, Online On-Demand, Single User Edition

WBH-OL1-001

One-Year Access, Includes UE1 Subscription



## ISO CAT I Ultrasound

TR-CAT1-UT

Training Course and Exam, Training Course Only, or Exam Only, Individual Registration



## ISO CAT Vibration Public Training Course and Exam

TR-CAT1-VIB TR-CAT2-VIB

ISO CAT I and II Available, Individual Registration



## SDT Level 2 Ultrasound Public Training Course

TR-CAT2-UT

Training Course and Exam, Individual Registration



## Ultrasound Essentials 1, Single User Pro Edition

WBH-UE1-001

One-Year Access, Includes a Certificate of Completion



## LUBExpert Essentials, Single User Online Edition

WBH-LBX-002

One to One Remote Mentoring Available, One-Year Access, Includes LUBExpert Essentials Digital Badge



## 1-Day Onsite Implementation

TR-IMP1-DOS

Travel Expenses Additional, Max 5-Days Onsite Implementation

# **COMMONSENSE SENSORS & CABLES**



# COMMONSense Sensors

IP65 RATED CONTACT - THREADED



## COMMONSense 0-10V Heterodyne Contact Sensor, Threaded, IP65 Rated w/o Cable

FU.SEN.RSV.001-01

For SDT Vigilant or Other Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense 4-20mA Heterodyne Contact Sensor, Threaded, IP65 Rated w/o Cable

FU.SEN.RSC.001-02

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense 0-3.6V Heterodyne Contact Sensor, Low Power, Threaded, IP65 Rated w/o Cable

FU.SEN.RSV.011-01

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense True 4-20mA Heterodyne Contact Sensor, Threaded, IP65 Rated w/o Cable

FU.SEN.RSC.101-03

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense IEPE Heterodyne Contact Sensor, Threaded, IP65 Rated w/o cable

FU.SEN.RSIE.001-03

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense 0-10V Heterodyne Airborne Sensor, Closed, IP65 Rated w/o Cable

FU.SEN.RSV.002-01

For SDT Vigilant or Other Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense 4-20mA Heterodyne Airborne Sensor, Closed, IP65 Rated w/o Cable

FU.SEN.RSC.002-01

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense 0-3.6V Heterodyne Airborne Sensor, Low Power, Closed, IP65 Rated w/o Cable

FU.SEN.RSV.012-01

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)

IP65 RATED - AIRBORNE

# COMMONSense Sensors

IP65 RATED - AIRBORNE



## COMMONSense True 4-20mA Heterodyne Airborne Sensor, Closed, IP65 Rated w/o Cable

FU.SEN.RSC.102-03

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense IEPE Heterodyne Airborne Sensor, Closed, IP65 Rated w/o Cable

FU.SEN.RSIE.002-03

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense 0-10V Heterodyne Airborne Sensor, Open, IP40 Rated w/o Cable

FU.SEN.RSV.003-01

For SDT Vigilant or Other Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense 4-20mA Heterodyne Airborne Sensor, Open, IP40 Rated w/o Cable

FU.SEN.RSC.003-01

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense 0-3.6V Heterodyne Airborne Sensor, Low Power, Open, IP40 Rated w/o Cable

FU.SEN.RSV.013-01

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense True 4-20mA Heterodyne Airborne Sensor, Open, IP40 Rated w/o Cable

FU.SEN.RSC.103-03

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)



## COMMONSense IEPE Heterodyne Airborne Sensor, Open, IP40 Rated w/o Cable

FU.SEN.RSIE.003-03

For Third Party Standard Measurement Systems (PLC, DCS, SCADA Systems)

IP40 RATED - AIRBORNE

# COMMONSense Cables



## Cable for COMMONSense, Vigilant Permanent, Straight M8 to Blunt Cut

FU.RSC.CABL.01.015-01      FU.RSC.CABL.01.030-01      FU.RSC.CABL.01.050-01  
FU.RSC.CABL.01.100-01      FU.RSC.CABL.01.150-01      FU.RSC.CABL.01.200-01  
FU.RSC.CABL.01.300-01

For SDT COMMONSense Range and Vigilant Permanent Module, Cable M8 4PF-Z, Straight Shielded (Ranging from 1.5m-30m)



## Cable for COMMONSense, Vigilant Permanent, 90 Deg M8 to Blunt Cut

FU.RSC.CABL.02.015-01      FU.RSC.CABL.02.030-01      FU.RSC.CABL.02.050-01  
FU.RSC.CABL.02.100-01      FU.RSC.CABL.02.150-01      FU.RSC.CABL.02.200-01  
FU.RSC.CABL.02.300-01

For SDT COMMONSense Range and Vigilant Permanent Module, Cable M8 4PF-Z, 90 Degree Shielded (Ranging from 1.5m-30m)



## Cable for Accelerometer, Vigilant Permanent, Straight MS2 to Blunt Cut

FU.ACC.CABL.01.050-1      FU.ACC.CABL.01.100-1      FU.ACC.CABL.01.200-1  
FU.ACC.CABL.01.300-1

For SDT Accelerometers 100mV/g, Used with Vigilant Permanent Module, Cable MS2-Z, Straight Shielded (Ranging from 5m-30m)



## Cable for COMMONSense, Vigilant Mobility, Straight M8 to Straight M8

FU.RSC.CABL.01.050-1      FU.RSC.CABL.01.100-1      FU.RSC.CABL.01.200-1  
FU.RSC.CABL.01.300-1

For SDT COMMONSense Range, Used with Vigilant Mobility Module, Cable M8 4PM-M8 4PF, Straight Shielded (Ranging from 1.5m-20m)



## Cable for COMMONSense, Vigilant Mobility, Straight M8 to 90 Deg M8

FU.RSC.CABL.06.015-1      FU.RSC.CABL.06.030-1      FU.RSC.CABL.06.050-1  
FU.RSC.CABL.06.100-1      FU.RSC.CABL.06.200-1

For SDT COMMONSense Range, Used with Vigilant Mobility Module, Cable M8 4PM-M8 4PF, 90 Degree Shielded (Ranging from 1.5m-20m)

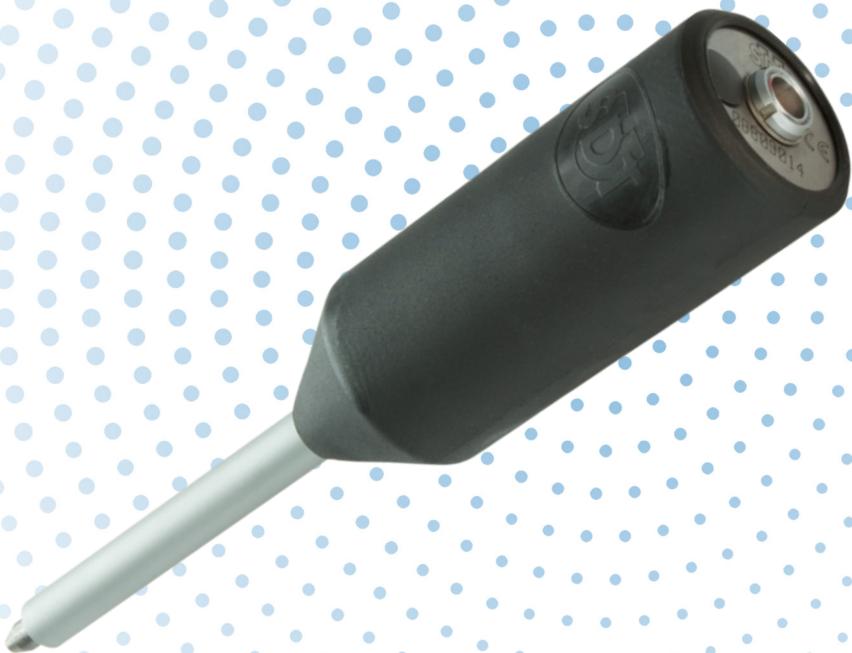


## Cable for Accelerometer, Vigilant Mobility, Straight MS2 to Straight M8

FU.ACC.CABL.02.050-1      FU.ACC.CABL.02.100-1      FU.ACC.CABL.02.200-1

For SDT COMMONSense Range, Used with Vigilant Mobility Module, Cable M8 4PM-M8 4PF, 90 Degree Shielded (Ranging from 1.5m-20m)

# **SDT SENSORS, CABLES & ACCESSORIES**



# SDT RS2 Contact Sensors

RS2 CONTACT - THREADED



## RS2T Contact Sensor, Threaded, w/o Cable

FU.SEN.RS2T.001-01

For SDT340/270/200/Online4US/ULTRAChecker, Sensor ID: RS2T, D=M6, Lemo, Req FUCABLSPLE7LE7-10, Range: 50m/164.04ft.



## LUBEsense1 Contact Sensor, Threaded, w/o Cable

FU.SEN.LUBE.001-01

For SDT340/LUBEExpert/SDT270/ULTRA/LUBEChecker, Sensor ID: LUBEsense1, D=M6, Lemo, Req FUCABLSPLE7LE7-10, Range: 50m/164.04ft.



## 3.2" RS2N Contact Sensor, Needle, w/o Cable

FU.SEN.RS2N.001-01

For SDT340/270/200/ULTRA/TRAPChecker, Sensor ID: RS2NL100, L=82mm (3.23"), Req FUCABLSPLE7LE7-10



## 10.8" RS2N Contact Sensor, Needle, w/o Cable

FU.SEN.RS2N.002-01

For SDT340/270/200/ULTRA/TRAPChecker, Sensor ID: RS2NL300, L=275mm (10.83"), Req FUCABLSPLE7LE7-10



## 18.5" RS2N Contact Sensor, Needle, w/o Cable

FU.SEN.RS2N.003-01

For SDT340/270/200/ULTRA/TRAPChecker, Sensor ID: RS2NL500, L=470mm (18.50"), Req FUCABLSPLE7LE7-10

RS2 CONTACT - NEEDLE

# SDT RS2 Airborne Sensors



## ULTRAsense Airborne Sensor, 16mm Sensor

FU.SEN.UTS.001-01

For SDT340/270/200/ULTRAChecker, Sensor ID: ULTRAsense, D=16mm (0.63"), Integrated Connector



## FLEX2 Flexible Airborne Sensor, 16mm Tip, w/o Cable

FS.FLX2.R16.001-01

For SDT340/270/200/ULTRA/TIGHT/HATCHChecker, Sensor ID: FlexID2, L=545mm (21.46"), D=16mm (0.63"), Req FUCABLSPLE7LE7-10



## FLEX2 Flexible Airborne Sensor, 10mm Tip, w/o Cable

FS.FLX2.R10.001-01

For SDT340/270/200/ULTRA/TIGHT/HATCHChecker, Sensor ID: FlexID2, L=545mm (21.46"), D=10mm (0.39"), Req FUCABLSPLE7LE7-10



## AIRsense Airborne Sensor, w/ Accessories, w/o Cable

FS.SEN.AIRS.001-01

For SDT340/ULTRAChecker, Sensor ID: AirSense, Req FUCABLSPLE7LE7-10, Includes FU.SEN.AIR.001-01, SAMR270PISH-02, SIRUBSENS18MMSI, SAMR270CSH-02



## ParaDish2 Airborne Parabolic Sensor

FU.PAR2.005

For SDT340/270/200, Sensor ID: ParaDish2, Integral Cable-L7M, Class II Laser

# SDT Accelerometer



## AC1 Accelerometer, 100 mV/g, Top Exit, w/o Cable

FUSV270-01-02

For SDT340/270, Sensor ID: Acc100/AC1, D=M6, 2-Pin Military Spec, Req FUCABLSPLE7MS2-02



## AC1 Accelerometer, 100 mV/g, Side Exit, w/o Cable

FUSV270-02-02

For SDT340/270, Sensor ID: Acc100/AC1, D=M6, 2-Pin Military Spec, Req FUCABLSPLE7MS2-02ID: FlexID2, L=545mm (21.46"), D=16mm (0.63"), Req FUCABLSPLE7LE7-10

# IP65 Rated Contact Sensors



## RS2T Contact Sensor, Threaded, IP65 Rated, w/o Cable

FU.SEN.RS2T.002-01

For SDT340/270/200/Online4US/ULTRAChecker, Sensor

ID: RS2T, D=M6, Lemo, Req IP65 Rated Cable, Range:

50m/164.04ft.



## LUBEsense1 Contact Sensor, Threaded, IP65 Rated, w/o Cable

FU.SEN.LUBE.002-01

For SDT340/LUBEExpert/SDT270/ULTRA/LUBEChecker,

Sensor ID: LUBEsense1, D=M6, Lemo, Req IP65 Rated Cable,

Range: 50m/164.04ft.

# SDT RS1 Contact Sensors



**RS1T Contact Sensor, Threaded, w/o Cable**  
FUSCRS3-01

For SDT270/200/170, Sensor ID: RS1T, D=M6, Lemo, Req  
FUCABLSPLE7LE7-3/8/5



**3.2" RS1N Contact Sensor, Needle, w/o Cable**  
FUSOND270-01

For SDT270/200/170, Sensor ID: RS1NL100, L=82mm (3.23"), Lemo, Req  
FUCABLSPLE7LE7-3/8/5



**10.8" RS1N Contact Sensor, Needle, w/o Cable**  
FUSOND270-02

For SDT270/200/170, Sensor ID: RS1NL300, L=275mm (10.83"),  
Lemo, Req FUCABLSPLE7LE7-3/8/5



**18.5" RS1N Contact Sensor, Needle, w/o Cable**  
FUSOND270-03

For SDT270/200/170, Sensor ID: RS1NL500, L=470mm (18.50"),  
Lemo, Req FUCABLSPLE7LE7-3/8/5

# SDT RS1 ATEX Sensors



**RS1T Contact Sensor, Threaded, w/o Cable, ATEX**  
FUSCRS3A-01

For SDT270/200, Sensor ID: RS1T, D=M6, Lemo, Req FUCABLSPLE7LE7-10



**3.2" RS1N Contact Sensor, Needle, w/o Cable, ATEX**  
FUSOND270A-01

For SDT270/200, Sensor ID: RS1NL100, L=82mm (3.23"), Lemo, Req FUCABLSPLE7LE7-10



**10.8" RS1N Contact Sensor, Needle, w/o Cable, ATEX**  
FUSOND270A-02

For SDT270/200, Sensor ID: RS1NL300, L=275mm (10.83"), Lemo, Req FUCABLSPLE7LE7-10



**18.5" RS1N Contact Sensor, Needle, w/o Cable, ATEX**  
FUSOND270A-03

For SDT270/200, Sensor ID: RS1NL500, L=470mm (18.50"), Lemo, Req FUCABLSPLE7LE7-10

# **SDT RS1 ATEX Sensors**



## **21.6" Flexible Airborne Sensor, 16mm Tip, w/o Cable, w/ Extension, ATEX**

FUFLEXEX1

For SDT270/200, Sensor ID: ExtUS1, L=550mm (21.65"), D=16mm (0.63"), BNC, Req FUCABLSPLE7BNC22



## **21.6" Flexible Airborne Sensor, 10mm Tip w/o Cable, w/ Extension, ATEX**

FUFLEXEX2

For SDT270/200, Sensor ID: ExtUS1, L=550mm (21.65"), D=10mm (0.39"), BNC, Req FUCABLSPLE7BNC22



## **ParaDish2 Airborne Parabolic Sensor, ATEX**

FU.PAR2.006

For SDT270/200, Sensor ID: ParaDish2, Integral Cable-L7M, Class II Laser, ATEX

# Transmitters



## T-Sonic1 Ultrasound Transmitter

FU.TSO1.001

Frequency Range 39.6 and 39.9 kHz, Sound Level 85 to 105 dB SPL, Req. 2-AA Batteries



## T-Sonic9 Ultrasound Transmitter

FS.TSO9.001

9 Outputs, Frequency Range 39.9 and 40.1 kHz, Sound Level 84 to 113 dB SPL, Req. 6-AA Batteries w/ Accessories



## External Open Transducer, 16mm Tip

FUSEUSTO16/J3M

For FU.TSO1.001, Jack 3.5mm Mono, Cable 2.5m

# SDT Cables

Sensor to Device, IP50 Rated



## Cable For Sensor, Lemo to Lemo, Coiled

FUCABLSPLE7LE7-10

For SDT340/270/200/LUBEExpert/ULTRA/TRAP/LUBE/TIGHTChecker,  
Cable 7-Wire (42982), Blue, L7M-L7M, L=600-1800mm (23.62"-70.87")



## Cable For Accelerometer, Lemo to MS2, Coiled

FUCABLSPLE7MS2-02

For SDT340/270, Cable MS2 (CC-A2A-175), L7M-MS2, Straight,  
L=600-1800mm (23.6"-70.9")



## Cable For Generic ICP Accelerometer, Lemo to BNC, Coiled

FUCABLSPLE7BNC18-03

For SDT340/270, Cable Coaxial (RG174), L7M-BNCM, L=600-1800mm  
(23.6"-70.9")



## Cable for Flexible Sensor, Lemo to BNC, Coiled, Short

FUCABLSPLE7BNC18

For SDT340/270, Cable Coaxial (RG174), L7M-BNCM, L=600-1800mm  
(23.6"-70.9")



## Cable for Flexible Sensor, Lemo to BNC, Coiled, Long

FUCABLSPLE7BNC22

For SDT270/SDT270ATEX/200/170, Cable Coaxial (RG174), L7M-BNCM,  
L=1000-2200mm (39.4"-86.6")



## Cable for Contact Sensor, Lemo to Lemo, Coiled, SDT170

FUCABLSPLE7LE7-5

For SDT170 Only, Cable Coaxial (RG174), L7M-L7M, Straight,  
L=600-1800mm (23.62"-70.87")



### Cable For Contact Sensor, Lemo to Lemo, 10ft./3.05m

FUCABLMPLE7LE703-01      FUCABLMPLE7LE706-01      FUCABLMPLE7LE709-01  
FUCABLMPLE7LE712-01      FUCABLMPLE7LE715-01

For SDT340/270/200/LUBExpert, Cable 7-Wire (32377), Blue, L7M-L7M



### Cable For Contact Sensor, Lemo to Lemo, Custom Length (Max=50ft./15.25m)

FUCABLMPLE7LE7XX-01

For SDT340/270/200/LUBExpert, Cable 7-Wire (32377), Blue, L7M-L7M,  
Custom Length=XXft./XXm



### Cable For Accelerometer, MS2 to Lemo, Custom Length (Max=65ft./19.81m)

FUCABLCOLE7MS2-XX

For SDT340/270, Cable (CC-A2A-175), L7M-MS2, Custom Length=XXft./XXm



### Cable For Generic ICP Accelerometer, BNC to Lemo, Custom Length (Max=65ft./19.81m)

FUCABLCOLE7BNC-XX

For SDT340/270, Cable Coaxial (RG174), L7M-BNCM, Custom Length=XXft./XXm



### Cable for Ultrasound Inspection Port

FA.SENS.CABL.002-01

For SDT340/ULTRACHEcker, Cable 7-wire, Blue, 7P LE7M-J3M Pre-Amplifier Cable

# IP65 Rated SDT Cables

**Sensor to Device**



## **Cable For Sensor, Lemo to Lemo, Coiled, IP65 Rated**

FUCABLSPLE7LE7-11

For SDT340/270/200/LUBExpert/ULTRA/TRAP/LUBE/  
TIGHTChecker, IP Rated Lemo Connectors, Cable 7-Wire (42982),  
Blue, L7M-L7M, L=600-1800mm (23.62"-70.87")



## **Cable For Contact Sensor, Lemo to Lemo, IP65 Rated, Custom Length (Max=50ft./15.25m)**

FUCABLMPLE7LE7XX-03

For SDT340/270/200/LUBExpert, IP Rated Lemo Connectors,  
Cable 7-Wire (32377), Blue, L7M-L7M, L=XXft./XXm

# Permanent SDT Cables

IP50 Rated



## Cable For Junction Box, Lemo to Lemo, 10ft./3.05m

FU.RMB.CABL.000-03      FU.RMB.CABL.000-07/U.RMB.CABL.000-13

For SDT340/270/200/LUBExpert, Cable 7-Wire (32377), Blue, L7M-L7F, For Use with Junction Box



## Cable For Junction Box, Lemo to Lemo, Custom Length (Max=50ft./15.25m)

FU.RMB.CABL.000-XX

For SDT340/270/200/LUBExpert, Cable 7-Wire (32377), Blue, L7M-L7F, For Use with Junction Box, Custom Length=XXft./XXm



## Cable For Junction Box, Lemo to Lemo, Custom Length (50ft./15.25m-82ft./25m)

FU.RMB.CABL.005-XX

For SDT340/270/200/LUBExpert, Cable 7-Wire (32377), Blue, L7M-L7F, For Use with Junction Box, Custom Length=XXft./XXm



## Cable For Junction Box, MS2 to Lemo, Custom Length (Max=65ft./19.81m)

FU.RMB.CABL.001-XX

For SDT340/270, Cable (CC-A2A-175), MS2-L7F, Custom Length=XXft./XXm



## Cable For Junction Box, BNC to Lemo, Custom Length (Max=65ft./19.81m)

FU.RMB.CABL.004-XX

For SDT340/270, Cable Coaxial (RG174), BNCF-L7F, For Use with Junction Box, Custom Length=XXft./XXm

### \*PERMANENT NON IP65 RATED CABLES ARE COMPATIBLE WITH:

#### Junction Box

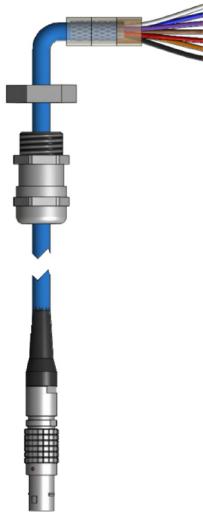
FU.RMB.004 | Pg. 41  
FU.RMB.001 | Pg. 41  
FU.RMB.003 | Pg. 41

#### Sensors

FU.SEN.RS2T.001-01 | Pg. 27  
FU.SEN.LUBE.001-01 | Pg. 27  
FUSCRS3-01 | Pg. 31

# Permanent SDT Cables

Custom Length PCB. IP50 Rated



## Cable For Junction Box, Terminal Block Plug to Lemo, Custom Length (Max=98.4ft./30m)

FU.RMB.CABL.100-XX

For SDT340/270/200/LUBExpert, Cable 7-Wire (32377), Blue, 7P-LE7M, For Use with  
FU.RMB.PCB-003, Custom Length=XXft./XXm



## Cable For Junction Box, Terminal Block Plug to Lemo 90 Deg, Custom Length (Max=98.4ft./30m)

FU.RMB.CABL.101-XX

For SDT340/270/200/LUBExpert, Cable 7-Wire (32377), Blue, 7P-LE7M 90 Deg, For Use  
with FU.RMB.PCB-003, Custom Length=XXft./XXm

### \*PERMANENT CUSTOM LENGTH PCB CABLES ARE COMPATIBLE WITH:

#### Junction Box

FU.RMB.PCB-003 | Pg. 43

#### Sensors

FU.SEN.RS2T.001-01   Pg. 27	FUSV270-01-02   Pg. 29
FU.SEN.LUBE.001-01   Pg. 27	FUSV270-02-02   Pg. 29
FUSCRS3-01   Pg. 31	

# Permanent IP65 SDT Cables

Custom Length PCB



## Cable For Junction Box, Terminal Block Plug to Lemo, IP65 and High Temperature Rated, Custom Length (Max=50ft./15.25m)

FU.RMB.CABL.110-XX

For SDT340/270/200/LUBExpert, Cable 7-Wire (32377), Blue, 7P-LE7M IP65, For Use with FU.RMB.PCB-003, Custom Length=XXft./XXm

### \*PERMANENT IP65 RATED CUSTOM LENGTH PCB CABLES ARE COMPATIBLE WITH:

#### Junction Box

FU.RMB.PCB-003 | Pg. 41

#### Sensors

FU.SEN.RS2T.002-01 | Pg. 30

FU.SEN.LUBE.002-01 | Pg. 30



## Cable For Junction Box, Lemo to Lemo, IP65 Rated, Custom Length (Max=50ft./15.25m)

FU.RMB.CABL.010-XX

For SDT340/270/200/LUBExpert, IP Rated Lemo Connectors, Cable 7-Wire (32377), Blue, L7M-L7M, L=XXft./XXm



## Cable For Junction Box, Lemo to Lemo, IP65 and High Temperature Rated, Custom Length (Max=50ft./15.25m)

FU.RMB.CABL.020-XX

For SDT340/270/200/LUBExpert, IP Rated Lemo Connectors, Rated up to 150C\300F, Cable 7-Wire (32377), Blue, L7M-L7M, L=XXft./XXm

### \*PERMANENT NON IP65 RATED CABLES ARE COMPATIBLE WITH:

#### Junction Box

FU.RMB.004 | Pg. 41  
FU.RMB.001 | Pg. 41  
FU.RMB.003 | Pg. 41

#### Sensors

FU.SEN.RS2T.002-01 | Pg. 30  
FU.SEN.LUBE.002-01 | Pg. 30

# Junction Boxes



## 4 Channel Junction Box, Lemo, ABS

FU.RMB.004

For 1-4 RS2T/AC1/RS1T, Lemo Connectors, IP 65 Rated



## 10 Channel Junction Box, Lemo, ABS

FU.RMB.001

For 1-10 RS2T/AC1/RS1T, Lemo Connectors, IP 65 Rated



## 12 Channel Junction Box, Lemo, Stainless Steel

FU.RMB.003

For 1-12 RS2T/AC1/RS1T, Lemo Connectors, IP 66 Rated

**\*FOR SENSORS AND CABLES COMPATIBLE WITH  
JUNCTION BOX REFER TO:**

IP50 Rated | Pg. 38      IP65 Rated | Pg. 40



## 12 Channel Junction Box, Lemo, Stainless Steel /w PCB connectors

FU.RMB.PCB-003

For 1-12 RS2T/RS1T, Lemo Connectors, IP66 Rated, Includes Internal Lemo  
PCB connectors for custom cable termination, Req. FU.RMB.CABL.100-XX

**\*FOR SENSORS AND CABLES COMPATIBLE WITH  
JUNCTION BOX REFER TO:**

IP50 Rated | Pg. 39      IP65 Rated | Pg. 40

# Accessories

## SDT340 BATTERIES



### **Battery Pack, SDT340**

FU.R340.BPS-02

For SDT340 Only, NiMh 4.8V - 3600 mAh



### **Battery Charging Station w/o Power Supply**

FU.R340.BDS-01

For SDT340 Only



### **Power Supply For Battery Charging Station w/ Adapters**

FU.R340.PSO-01

For SDT340 Only, w/ US-EU-UK-AU Adapters, Type A-C-G-I



### **Battery Charging Station with Power Supply and Adapters**

FU.R340.BDPS-01

For SDT340 Only, w/ US-EU-UK-AU Adapters, Type A-C-G-I, Assembly of FU.R340.BDS-01 + FU.R340.PSO-01

## ACCESSORIES



### **USB 3.1 Cable**

SICABUSB-12-01

For SDT340 Only, USB Type C Male - USB Type A Male, 1m (39.4")



### **SDT USB Memory Drive**

DMSDTNAUSB

For SDT340/270/200/SDT8/LUBExpert, User's Manual and Application Software on USB Key



### **Shoulder Strap**

FAHOLSAC-01

For SDT340/270/200/170/SDT8/LUBExpert/ T-Sonic9, Attaches to Bottom of Device

# Accessories

## ACCESSORIES



### Leather Belt Holder w/ Clip

FAHOLSAC-02

For SDT340/270/200/LUBExpert, Attaches to Rear of Device



### Reflective Label for Tachometer

FARPMNLABEL

For SDT340/270, Pack of 4 Labels 20 x 50mm

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### Magnetic Base, Multi Surface

FUSEACMAG-02



For RS2T/AC1/LUBEsense1/RS1T, D=30mm x 23mm (1.18" x 0.91"), Thread D=M6

### Lube Adapter w/ Grease Coupler

FU.SEAC.LUB.006-01



For RS2T/LUBEsense1/RS1T, Zerk Grease Nipple, Thread D=M6

### Lube Adapter Thread Adapter

SA.LBX.MMF.012-01



For FU.SEAC.LUB.006-01, BSP 1/8" Male to NPT 1/8" Female, Galvanized Steel

### Magnetic Base, Flat Surface

FUSEACMAG-01



For RS2T/AC1/LUBEsense1/RS1T, D=24mm x 14mm (0.94" x 0.55"), Thread D=M6

### Mounting Pads, Pack of 10

FUSEACMP1



For RS2T/AC1/LUBEsense1/RS1T, D=24mm x 10mm (0.94" x 0.39"), Thread D=M6, Pkg Qty 10

## Mounting & Fitting

## ACCESSORIES

# Accessories



## Mounting Pad, Single

FUSEACMP2-01

For RS2T/AC1/LUBEsense1/RS1T, D=24mm x 10mm (0.94" x 0.39"), Thread D=M6, Single



## Pull-On Lube Adapter

FUSEACLUBE-04

For RS2T/LUBEsense1/RS1T, Button Head 1/8" Standard Pull-On Lubrication Fitting



## Push-On Lube Adapter

FUSEACLUBE-05

For RS2T/LUBEsense1/RS1T, Button Head 1/8" Standard Push-On Lubrication Fitting



## Headphones, Neckband

FUHDPH-21

For SDT340/270/200/170/FLEX.US/LUBExpert/Checker Range, Headset For Use w/ Hardhat, 1/4" (6.35mm) Jack



## Headphones, Over Head

FUHDPH-22

For SDT340/270/200/170/FLEX.US/LUBExpert/Checker Range, Headset For Use w/ Hardhat, 1/4" (6.35mm) Jack



## Headphones w/ Hardhat Attachment

FUHDPH-23

For SDT340/270/200/170/FLEX.US/LUBExpert/Checker Range, Headset to Mount on Hardhat, 1/4" (6.35mm) Jack



## Replacement Headphone Cable

FUCABLHDPH.01-01

For FUHDPH-21/22/23, 1/4" (6.35mm) Jack

# Accessories

## AUDIO



### Headphones, Overhead, Bluetooth

FUHDPH-8

For SDT340 Only, Headset For Use w/o Hardhat



### Bluetooth Transmitter Module

FS.HDPH.BT.001-01

For Checkers Range only, Includes Cable Accessories; Requires Bluetooth headset



### SIHEADFPELTHY79

Headphone Hygiene Kit

For FUHDPH-21/22/23/1/2/7/8, Includes Earseals, Sealing Rings and Foam Inserts



### Loudspeaker

FUHDPH-4

For SDT340/270/200/170/FLEX.US/LUBExpert/Checker Range, 1/4" (6.35mm) Jack



### Y-Connector

FUCOADJ6Y

For FUHDPH-21/22/23/1/2/4/7, Splits Output to 2 Headphones, 1/4" (6.35mm) Jack



### 16mm Tip For Airborne Sensor

FA.FLX2.R16.001

For FLEX2/LEAKChecker, D=16mm (0.63")



### 10mm Tip For Airborne Sensor

FA.FLX2.R10.001

For FLEX2/LEAKChecker, D=10mm (0.39")

## SENSOR PARTS



# Accessories

## SENSOR PARTS



### Rubber Tip

SIRUBSENS18MMSI

For FA.FLX2.R16.001-01/FAFLEXSENS16RA/SAMR270PISH-02, D=16mm (0.63")



### Extended Distance Sensor

FUSEACEDS-02

For AIRsense Airborne Sensor or SDT270/200 Internal Sensor, EDS Cone for US Sensor



### Sensor Cap

SAMR270CSH-02

For AIRsense Airborne Sensor or SDT270/200 Internal Sensor, Protector Cap for US Sensor



### Precision Indicator

SAMR270PISH-02

For AIRsense Airborne Sensor or SDT270/200 Internal Sensor, Focusing Attachment for US Sensor



### Ring Sensor Holder

SAMR270RSH-01

For AIRsense Airborne Sensor or SDT270/200 Internal Sensor, Thread Protector for US Sensor

## EXTENSIONS



### Telescopic Extension For Airborne and Contact Sensors

FU.TEP.001-01

For FLEX2/RS2T/RS2N/LUBEsense1, Fibreglass Telescopic Extension, RS2 Sensors  
Req. Adapter, L=380mm-1000mm (14.96"-39.37")



### Extension Pole For Airborne Sensors

FA.FLX2.HND.003-01

For FLEX2/FLEX1, Metal Extension w/ Rubber Handle, L=400mm (15.75")

# Accessories

EXTENSIONS



## Contact Sensor Adapter For Telescopic Extension

FU.TEP.ACC01-01

For RS2T/RS2N/LUBEsense1, Attaches to Telescopic Extension, L=100mm (3.94")



## 5.24" Needle Assembly Extension

SA.CP2.MMF.002-B

For RS2T/LUBEsense1/RS1T, L=133mm (5.24"), Thread D=M6, See Product Disclaimer



## 12.8" Needle Assembly Extension

SA.CP2.MMF.003-B

For RS2T/LUBEsense1/RS1T, L=325mm (12.8"), Thread D=M6, See Product Disclaimer



## 20.55" Needle Assembly Extension

SA.CP2.MMF.004-B

For RS2T/LUBEsense1/RS1T, L=522mm (20.55"), Thread D=M6, See Product Disclaimer



## RAPsody Box Ultrasound Signal Simulator

FS.MBT3.001

RAPsody Box w/ USB Cable, USB Drive, and RAPsody Software, UT Sound Generator for Teaching, Training and Testing



## Remote for T-Sonic9, Bluetooth

FU.TSO9.002

For T-Sonic9 Only



## SDT915 Custom Carrying Case, Checker Range

FU.CA915.CBOX.001-01

NK-7 Resin Exterior, PowerClaw Latching System, IP67 Rated, Lockable, L15.8" x W12.1" x H6.8" (L401mm x W307mm x H173mm)

SIGNAL AMPLIFIERS

CARRYING CASES

NEEDLE EXTENSIONS

EXTENSIONS

# Accessories

## CARRYING CASES



### **SDT930 Custom Carrying Case, SDT340/270/200/LUBExpert**

FU.CA930.CBOX.001-01

NK-7 Resin Exterior, PowerClaw Latching System, IP67 Rated, Lockable, L19.8" x W16.0" x H7.6" (L503mm x W406mm x H193mm) For SDT340/270/200/LUBExpert



### **SDT930 Custom Carrying Case, SonaVu**

FU.CA930.CBOX.002-01

NK-7 Resin Exterior, PowerClaw Latching System, IP67 Rated, Lockable, L19.8" x W16.0" x H7.6" (L503mm x W406mm x H193mm) For SDT SonaVu



### **SDT945 Custom Carrying Case, SDT340/270/200/LUBExpert**

FU.CA945.CBOX.001-01

NK-7 Resin Exterior, PowerClaw Latching System, IP67 Rated, Lockable, L25.1" x W19.9" x H8.8" (L638mm x W505mm x H224mm)



### **Upgrade SDT930 to SDT945 Custom Carrying Case**

FU.UP945.CBOX.001-01

NK-7 Resin Exterior, PowerClaw Latching System, IP67 Rated, Lockable, L25.1" x W19.9" x H8.8" (L638mm x W505mm x H224mm)



### **LEAKChecker Custom End User Carrying Case, Green Latches**

FU.LKC.CBOX.001-01

T6 Evolution Blue Plastic Case w/ Slide Latches



### **TRAPChecker Custom End User Carrying Case, Blue Latches**

FU.TPC.CBOX.001-01

T6 Evolution Blue Plastic Case w/ Slide Latches



### **TIGHTChecker Custom End User Carrying Case, Red Latches**

FU.TIC.CBOX.001-01

T6 Evolution Blue Plastic Case w/ Slide Latches

# Accessories

## CARRYING CASES



### HATCHecker Custom End User Carrying Case, Black Latches

FU.HTC.CBOX.001-01

T6 Evolution Blue Plastic Case w/ Slide Latches



### Checker Range Custom Demo Carrying Case, White Latches

FU.CHK.CBOX.001-01

T6 Evolution Blue Plastic Case w/ Slide Latches



### ParaDish Carrying Case

FU.ULC.TBX.001-1

For ParaDish, ULTRAChecker PD System

## LUBExpert



### USB Cable

SICABUSBAUSBBM

For SDT270/200/LUBExpert/Checker Range/T-Sonic9/T-Sonic1, USB 2.0 Cable, USB Type B5 Mini, 1.8m (70.9")



### LUBExpert Grease Gun Mounting Cradle

FU.LBX.DVC.001-01

For SDT270/200/LUBExpert, Attaches to Rear of Device w/ Bracket



### SDT Universal Battery Charger w/o Cord

FUPWSPUN-01

For SDT270/200/170/LUBExpert, Input 100-240VAC/50-60Hz/250mA/25VA



### US Power Cord For Universal Battery Charger

FUCABLPWRC7US-01

For FUPWSPUN-01, Type A-C7 Power Cable, 5.9ft./1.8m

# Accessories

LUBExpert



## EU Power Cord For Universal Battery Charger

FUCABLPWRC7EU-01

For FUPWSPUN-01, Type C-C7 Power Cable, 5.9ft./1.8m



## UK Power Cord For Universal Battery Charger

FUCABLPWRC7UK-01

For FUPWSPUN-01, Type G-C7 Power Cable, 5.9ft./1.8m



## AU Power Cord For Universal Battery Charger

FUCABLPWRC7AU-01

For FUPWSPUN-01, Type I-C7 Power Cable, 5.9ft./1.8m

CHECKER MOUNTS



## Checker Grease Gun Mounting Cradle

FU.LBC.DVC.001-02

For ULTRA/LUBEChecker, Attaches to Rear of Device w/ Bracket and Strap



## Checker Magnetic Mount

FU.LBC.DVC.002-01

For ULTRA/LUBEChecker, Attaches to Rear of Device w/ Multi-Magnet

SONAVU+



## SonaVu Plus Power Supply w/ Adapters

FU.SVUP.PWR.001

For SonaVu Plus Only, w/ US-EU-UK-AU Adapters, Type A-C-G-I



## SonaVu Plus External Battery Pack

FU.SVUP.EXBP.001

For SonaVu Plus Only, Li-ion, Requires SonaVu External Battery Cable

# Accessories

SONAVU+



## SonaVu Plus External USB-C Cable

FU.SVUP.EXUSB.001

For SonaVu Plus Only, USB-C to USB-C, 2m



## SonaVu Plus External USB-C Cable

FU.SVUP.EXUSB.002

For SonaVu Plus Only, USB-C to USB-C, Coiled



## SonaVu Plus Hand Strap

FU.SVUP.STR.001

For SonaVu Plus Only



## SonaVu Plus Rubber Grips

FU.SVUP.GRP.001

For SonaVu Plus Only



## SonaVu Plus LCD Display Module

FU.SVUP.LCD.001

For SonaVu Plus Only



## SonaVu Plus Internal Battery

FU.SVUP.IBP.001

For SonaVu Plus Only, Li-ion



## SonaVu Internal Battery

FU.SVU.IBP.001

For SonaVu Only, Li-ion

SONAVU

# Accessories

SONAVU



## SonaVu Internal Memory Card

FU.SVU.IMC.001

For SonaVu Only, Micro SDXC



## SonaVu Power Supply w/ US Cable

FU.SVU.PWR.001

For SonaVu Only, Type A



## SonaVu Universal Power Adapter

FU.SVU.ATD.001

For SonaVu Only, w/ US-EU-UK-AU Adapters, Type A-C-G-I



## SonaVu External Battery Pack

FU.SVU.EXBP.001

For SonaVu Only, Li-ion, Requires SonaVu External Battery Cable



## SonaVu External Battery Charger

FU.SVU.EXBC.001

For SonaVu Only, 65w, Includes UDB-C Cable



## SonaVu External Battery Cable

FU.SVU.EXPC.001

For SonaVu Only, Lemo



## SonaVu Hand Strap

FU.SVU.STR.001

For SonaVu Only

# Accessories

SONAVU



## SonaVu Rubber Grips

FU.SVU.GRP.001

For SonaVu Only



## SonaVu External USB-C Cable

FU.SVU.EXUSB.001

For SonaVu Only, USB-C to USB-C



## LEAKReporter Custom Report Pack of 10

FASFTWLRP0010

Custom Branded SDT LEAKReporter Report, 10 Reports

MISC.



## SDT Leak Tags, Set of 250

FULEAKSET1

Individually Numbered Leak Tags 250 pcs.



## LUBExpert Multi-Purpose Gloves, 12 Pack

FS.LTX.001

LUBExpert Branded Nitrate Grip Coated Gloves, One Size Fits All

BATTERIES



## Power Supply For Vigilant Permanent Module /w power adapters & adapter cable

FA.RSC.PSV.001-01

For Vigilant Permanent Module, w/ US-EU-UK-AU Adapters, Type A-C-G-I

# Accessories

## BATTERIES



### **Battery Adapter Charging Tray, SDT8**

FUBATTAD8

For FUBATT008



### **Battery, SDT8**

FUBATT008

For SDT8, Rechargeable Lead-Acid Battery, 12V/1.2Ah



### **Battery, SDT170**

FUBATTR170

For SDT170 Only, NiMH 7.2V/1600mAh

## PROTECTIVE HOLSTERS



### **SDT Checker Device Holster**

FU.CHK.HST.001-01

For All Checkers, Heavy Duty Nylon Casing w/ Vinyl Front, Adjustable Belt Clip, Bluetooth Module Pouch



### **SDT 340 Device Holster**

FU.R340.HST.001-01

For SDT340, Heavy Duty Nylon Casing w/ Vinyl Front, Reflective Stripping, Lemo Caps, Magnets



### **SDT 270/200 Non-Atex Device Holster**

FU.270.HST.001-01

For SDT270/200, Heavy Duty Nylon Casing w/ Vinyl Front, Reflective Stripping, Lemo Caps on Top, Magnets on Rear, Non-Atex devices only



### **SDT LUBExpert Device Holster**

FU.LBX.HST.001-01

For LUBExpert, Heavy Duty Nylon Casing w/ Vinyl Front, Reflective Stripping, Lemo Cap on Top, Magnets on Rear

# Accessories

## HOLSTERS



### Blue Rubber Holster, SDT270

FAHOLS270-01

For SDT270 Only



### Rubber Holster, Blue, SDT170

FAHOLS170-01

For SDT170 Only



### Rubber Holster, Sherlog Red, SDT170

FAHOLS170-02

Individually Numbered Leak Tags 250 pcs.



### Headphones, Neckband, ATEX

FUHDPH-26

For SDT270/200 ATEX, Headset for Use w/ Hardhat, 1/4" (6.35mm) Jack



### Tip for Flexible Sensor, 16mm, ATEX

FAFLEXSENS16RA

For FUFLEXEX1 Flexible Airborne Sensor, D=16mm (0.63")



### Tip for Flexible Sensor, 10mm, ATEX

FAFLEXSENS10RA

For FUFLEXEX2 Flexible Airborne Sensor, D=10mm (0.39")



### Blue Rubber Holster, SDT270, ATEX

FAHOLS270-02

For SDT270 ATEX Only

## ATEX

# Accessories



## LUBExpert On-Guard Module

FU.SRL.PLC.000-01

LUBExpert On-Guard Module w/ Software



## LUBExpert On-Guard Single Point Automatic Lubrication Drive

SI.LBX.PRT.004

For SDT LUBExpert On-Guard, Perma Star Control 2.0, 1 Channel, Lubricant Volume 60cc to 500cc, IP 65



## LUBExpert On-Guard Grease Cartridge

SI.LBX.PGC.060A-01 SI.LBX.PGC.060C-01 SI.LBX.PGC.060D-01

For SDT LUBExpert On-Guard, Perma Star Control 2.0, 60 CC, Category A (SF01), 10 Pack



## LUBExpert On-Guard Grease Cartridge

SI.LBX.PGC.120A-01 SI.LBX.PGC.120C-01 SI.LBX.PGC.120D-01

For SDT LUBExpert On-Guard, Perma Star Control 2.0, 120 CC, Category A (SF01), 10 Pack



## LUBExpert On-Guard Coated Steel Enclosure

FU.SRL.ENC.001-01

For LUBExpert On-Guard Module Permanent, Includes hardware and accessories for basic Installation

# Accessories



## **Cable for LUBExpert On-Guard Lubrication Drive, Straight M8 to Blunt Cut, 32.8ft./10m**

FU.SRL.CABL.01.100-1   FU.SRL.CABL.01.150-1   FU.SRL.CABL.01.200-1  
FU.SRL.CABL.01.300-1

For SDT LUBExpert On-Guard Lubrication Drive, Cable M8 4PF-Z, Straight Shielded



## **Cable for LUBExpert On-Guard Lubrication Drive, 90 Deg M8 to Blunt Cut, 32.8ft./10m**

FU.SRL.CABL.02.100-1   FU.SRL.CABL.02.150-1   FU.SRL.CABL.02.200-1  
FU.SRL.CABL.02.300-1

For SDT LUBExpert On-Guard Lubrication Drive, Cable M8 4PF-Z, 90 Deg Shielded



## **Cable Extension for SDT LUBExpert On-Guard Permanent, Straight M8 to Blunt Cut, 16.4ft./5m**

FU.RSC.CABL.EXT.01-1

For SDT LUBExpert On-Guard, Cable M8 4PF-Z, Straight Shielded, One extension unit applies to all 8 cables, Maximum 4 Extensions (65.6ft./20m)



## **Cable Extension for SDT LUBExpert On-Guard Permanent, 90 Deg M8 to Blunt Cut, 16.4ft./5m**

FU.RSC.CABL.EXT.02-1

For SDT LUBExpert On-Guard, Cable M8 4PF-Z, 90 Degree Shielded, One extension unit applies to all 8 cables, Maximum 4 Extensions (65.6ft./20m)



## **Cable Extension for LUBExpert On-Guard Permanent Lubrication Drive, Straight M8 to Blunt Cut, 16.4ft./5m**

FU.SRL.CABL.EXT.01-1

For SDT LUBExpert On-Guard Lubrication Drive, Cable M8 4PF-Z, Straight Shielded, One extension unit applies to all 8 cables, Maximum 4 Extensions (65.6ft./20m)



## **Cable Extension for LUBExpert On-Guard Permanent Lubrication Drive, 90 Deg M8 to Blunt Cut, 16.4ft./5m**

FU.SRL.CABL.EXT.02-1

For SDT LUBExpert On-Guard Lubrication Drive, Cable M8 4PF-Z, 90 Degree Shielded, One extension unit applies to all 8 cables, Maximum 4 Extensions (65.6ft./20m)

# Accessories



## **SDT LUBExpert On-Guard Mobility System Trial**

FS.SRL.TR.01-1

LUBExpert On-Guard Mobility System One Month Trial w/ 4 Channels, Includes On-Guard Module, Software, 4-20 True COMMONSense Sensors, Automatic Lubrication Drives, Accessories and Custom carrying case

LUBExpert On-Guard



## **SDT LUBExpert On-Guard Mobility System Trial**

FS.SRL.TRG.01-1

LUBExpert On-Guard Mobility System One Month Trial w/ 4 Channels, Includes On-Guard Module, Software, 4-20 True COMMONSense Sensors, Automatic Lubrication Drives, Grease Cartridges, Accessories and Custom carrying case

# **CALIBRATE YOUR INSTRUMENT**

TAKE ADVANTAGE OF OUR LIFETIME WARRANTY



# Calibrations



## Calibration, Inspection & Update, SDT340 Device

AC.R340

For SDT340 Device Only

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## Lifetime Warranty Reactivation, SDT340

AC2.R340

For SDT340, Device Must Pass Inspection Wireless,  
M8 4-20mA, DC Power or Battery Power, For use  
with ULTRASentry Communication Gateways



## Calibration, Inspection & Update, LUBExpert Device

AC.LBXD

For LUBExpert Device Only

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## Lifetime Warranty Reactivation, LUBExpert

AC2.LBXD

For LUBExpert, Device Must Pass Inspection

# Calibrations



## Calibration, Inspection & Update, Checker Range Device

AC.CHDK

For ULTRA / LEAK / TRAP / LUBE / TIGHT / HATCH  
Checker Device Only

## Lifetime Warranty Reactivation, Checkers Range

AC2.CHDK

For ULTRA/LEAK/TRAP/LUBE/TIGHT/HATCH Checker, Device Must Pass Inspection



## Calibration, Inspection & Update, RAPsody Box

AC.RAP

For RAPSODY BOX Only

## Lifetime Warranty Reactivation, RAPsody Box

AC2.RAP

For RAPSODY BOX, Device Must Pass Inspection

# Calibrations



**Calibration, Inspection & Update,  
SDT200 Device**  
AC.R200

For LUBExpert Device Only



**Calibration, Inspection & Update,  
SDT270 Device**  
AC.R270

For SDT340 Device Only

**Lifetime Warranty Reactivation,  
SDT200**  
AC2.R200

For SDT200, Device Must Pass Inspection

**Lifetime Warranty Reactivation,  
SDT270**  
AC2.R270

For SDT270, Device Must Pass Inspection



**SonaVu Function Test and Battery  
Replacement**  
FU.SVU.FCT.001

For SonaVu Only, Li-ion



**SonaVu Plus Function Test and  
Battery Replacement**  
FU.SVUP.FCT.001

For SonaVu Plus Only, Li-ion

# Calibrations



## Calibration and Inspection, T-Sonic1 Ultrasound Transmitter

AC.TSO1

For T-Sonic1 Only

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## Lifetime Warranty Reactivation, T-Sonic 1

AC2.TSO1

For T-Sonic 1, Device Must Pass Inspection



## Calibration and Inspection, T-Sonic9 Ultrasound Transmitter

AC.TSO9

For T-Sonic9 Only

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## Lifetime Warranty Reactivation, T-Sonic 9

AC2.TSO9

For T-Sonic 9, Device Must Pass Inspection

# Contact SDT Ultrasound Solutions

## REACH US DIRECTLY

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## REQUEST A QUOTE

Looking for a custom solution that fits your maintenance needs?

Contact our team today to request a quote.

# About SDT

## Warranty

SDT Ultrasound Solutions offers both an extended warranty and a lifetime warranty on select products. Our extended warranty ensures peace of mind with long-term protection, while the lifetime warranty is available on specific products, guaranteeing durability and reliability for the lifetime of the equipment.

**Repair & Calibrations:** Return your complete SDT kit or product in its original case if possible. Send your equipment to the correct SDT address or authorized distributor.

SDT-authorized repair centers will inspect all items and components upon receipt. Please allow approximately three business days to receive an estimate from the time we receive your device or component. Please allow approximately five business days from receipt of your order for our service center to complete repairs or calibration.

Once the service is finished and your equipment is shipped, you will receive an email with shipping details and a tracking number.

## Services

Our skilled technicians utilize advanced ultrasound technology to perform detailed inspections, identifying potential issues before they cause downtime. This service ensures the continued reliability and performance of your equipment, allowing you to focus on your core operations without investing in ultrasound devices.

## Commitment to Quality

SDT Ultrasound Solutions designs high-quality, precision-engineered products built for reliability and performance. Rigorously tested and designed to meet industry standards, our instruments deliver accurate, consistent results for predictive maintenance.

## Commitment to Sustainability

SDT Ultrasound Solutions is committed to sustainability by providing technology that helps industries reduce energy waste, lower emissions, and extend equipment life. By detecting leaks, preventing failures, and optimizing maintenance practices, our solutions support a more efficient and environmentally responsible approach to reliability.

## About SDT

SDT Ultrasound Solutions provides innovative ultrasound technology for predictive maintenance and condition monitoring. Our products help businesses detect issues early, reduce downtime, and optimize equipment performance. Committed to quality and reliability, we offer user-friendly tools designed to support proactive maintenance and enhance operational efficiency.

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