

# **PRODUCT CATALOG**

TEST & INSPECTION EQUIPMENT FOR THE FIRE ALARM & LIFE SAFETY INDUSTRIES

Floor Walk

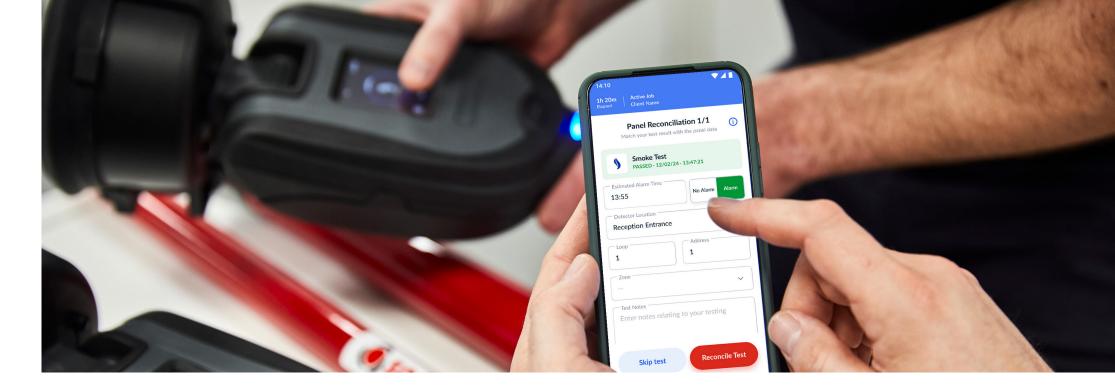
Smoke

Sclearing GENERATO

Awaiting result...

Finish Walk

2024 | www.sdifire.com



# **PIONEERING THE WORLD OF TESTING TECHNOLOGY**

<u>SR</u>		<b>Coscio</b> detectortesters						
100+ Staff	Global Leader	25 Years of Solo	15 Years of Testifire	Partnerships				
Located in the USA, UK, Europe, Middle East & Asia.	Products distributed to 130+ countries and counting.	The complete range for detector testing, access, and removal.	The world's leading all-in-one tool for smoke, heat, and CO detectors.	Approved by leading detector manufacturers and third parties.				



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# **BY APPLICATION:**

#### **SMOKE TESTING**

Solo 200

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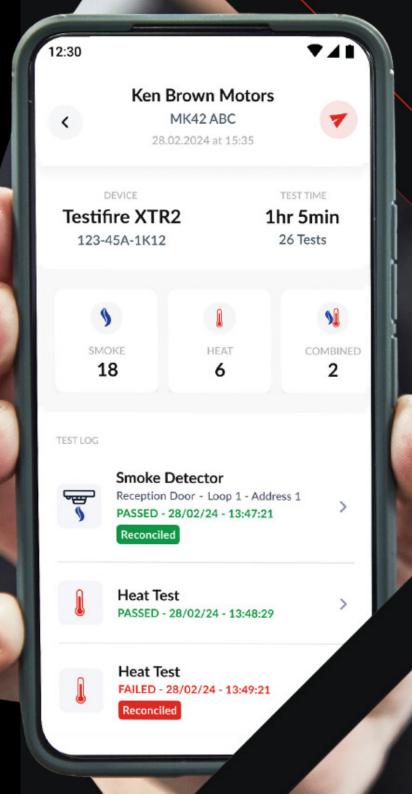
16, 18, 19



# GET POWERFUL INSIGHTS WITH AUTOMATED TEST REPORTS AND RECORDS

Testifire XTR2 combines testing and reporting to provide insights on the detectors being tested. During testing, Testifire XTR2 senses the detector LED to confirm the test result – automating the recording of results and pushing the data into a customized report. By working alongside the DT Connect app, Testifire XTR2 equips users with premium features that streamline the testing process, manage site assets, and optimize reports. The cloud portal gives an instant overview of work carried out, making it easy to share inspection reports with clients and gain insight on the status of the Testifire XTR2 units being used.

- All-in-one smoke and heat testing
- Automated pass or fail record
- Record and identify the device type, location, and address on-site
- Select panel type and record addressable panel time for fire panel verification
- ◆ Match your device inspection results against the fire panel event log
- Link to cloud for inspection results and reporting
- Upload your logo to appear on all reports
- Check Testifire XTR2 smoke levels, battery charge, and generator life



	RE XTR2 & INECT FEATURES	testifire	DT CONVECT	DT CONNECT PREMIUM		
Кеу	CONSUMABLE STATUS	•	•	•		
Features	ASD COMPATIBILITY	0	•	•		
	AUTO-ALARM RECOGNITION	0	•	•		
	LED RECOGNITION MODES	0	•	•		
	AUTOMATIC LIGHT	0	•	•		
Support	WARRANTY	1 YEAR	2 YEARS	2 YEARS		
	FIRMWARE UPDATES	0	•	•		
	MANUAL PURGE	0	•	•		
DT Connect	DEVICE MANAGEMENT	0	•	•		
	INSPECTION CREATION	$\bigcirc$	•	•		
	TEST RESULT CAPTURE	0	•	•		
	VIEW ALL INSPECTION HISTORY	0	•	•		
	PANEL SETUP	0	0	•		
	ASSET CREATION	0	0	•		
	PANEL VERIFICATION	0	0	•		
	CLIENT SIGNATURE CAPTURE	0	0	•		
	INSPECTION REPORT PDF	0	0	•		
	REPORT SHARING & DOWNLOAD	0	0	•		

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# **ENGINEERED FOR PROOF OF TESTING**

Our latest test solution - Testifire XTR2, combines testing and reporting by automatically generating digital reports that provide test insights.



Testifire XTR2 uses non-hazardous, non-pressurized cartridges to generate smoke.

All consumables, spares, and accessories are available.

#### Accessories

Replacement Smoke Cartridge **TES3** 

Replacement Smoke Generator **TESTIFIRE-GEN-024** 

Lithium Ion Battery Pack **TESTIFIRE-BP** 

ASD Adaptor TESTIFIRE-ADAP

Membrane (140mm) TESTIFIRE-MEML

XL Membrane (162mm) TESTIFIRE-MEMXL

Vehicle Power Supply Unit **TESTIFIRE-CPSU** 

Charger Cradle TESTIFIRE-CHA

Charger Kit TESTIFIRE-CHAK

Cup Membrane **TESTIFIRE-MEM** 

# **TESTIFIRE XTR2 TEST** & MAINTENANCE KITS





### TESTIFIRE XTR2 SMOKE/HEAT TEST KIT



#### Includes:

1x Testifire XTR2 Smoke/Heat Test Kit 1x Solo 100 15ft 4-Section Telescopic Pole 1x Solo 200 Detector Removal Tool 1x Solo 610 Protective Storage Bag





### SMART TESTIFIRE XTR2 SMOKE/HEAT TEST KIT

### **TESTIFIRE-XTR2-SMART**

#### Includes:

1x Testifire XTR2 Smoke/Heat Test Kit 1x Solo 110 Smart 5.75 4-Section Telescopic Pole 3x Solo 111 Smart 1.65ft Extension Poles 1x SMART Backpack & Pole Bag



# **TESTIFIRE MULTICRITERIA DETECTOR TESTER**

Testifire is the world's leading multicriteria detector tester. The all-in-one Testifire allows for faster and more efficient testing of both single and multi-sensor detectors. Testifire can deliver each stimulus individually or all three stimuli simultaneously, increasing productivity and lowering the overall testing time by up to 66%. A built-in clearing cycle provides rapid detector reset with no repeat alarms.





### TESTIFIRE SMOKE, HEAT AND CO TEST KIT



#### Includes:

1x Testifire 2000 Head Unit 1x TS1 Smoke Capsule 1x TC1 CO Capsule 1x Solo 727 Battery Charger 2x Solo 770 Battery Batons

#### **Testifire Accessories & Spare Parts**

Smoke Capsules	TS3
CO Capsules	TC3
Battery Baton	SOLO770
Battery Charger	SOLO727
Testifire Inner Cup	SPARE1048
Testifire Membrane Bellows	SPARE1049
Testifire Remote Control	TF25
Testifire USB Cable	SPARE1047

## SMOKE, HEAT & CO DETECTOR TESTING KIT



#### Includes:

Testifire 2001 Smoke, Heat & CO Kit 1x Solo 100 15' Access Pole 1x Solo 101 4' Extension Pole 1x Solo 200 Removal Tool 1x Solo 610 Carrying Bag

### SMOKE, HEAT & CO DETECTOR TESTING KIT



#### Includes:

24FT REACH

Testifire 2001 Smoke, Heat & CO Kit 1x Solo 100 15' Access Pole 3x Solo 101 4' Extension Poles 1x Solo 200 Removal Tool 1x Solo 610 Carrying Bag





# **ELECTRONIC TESTERS**

The Solo 365 Electronic Smoke Detector Tester, uses non-hazardous, non-pressurized, environmentally-friendly cartridge technology for smoke generation. It allows for faster testing and creates less smoke waste with an auto-start proximity sensor that automatically generates smoke when the detector enters the cup. Using a unique clearing mode, the Solo 365 eliminates repeat alarms by clearing any remaining smoke.







### SOLO 365 ASD **ADAPTOR**



Solo 372 transforms vour 365 into an ASD detector tester. Easily fitted to allow for the functional testing of ASD systems.





### **COMPACT SMOKE TESTING KIT**



#### Includes:

1x Smart Kit Backpack (with pole bag attachment) 1x Solo 365 Electronic Smoke Detector Tester 1x Solo 110 Smart 5.75' Telescopic Pole 3x Solo 111 Smart 1.65' Extension Poles

#### Solo 365 Accessories & Spare Parts

ASD Adaptor	Solo 372
Smoke Cartridge (6pack)	SOLOES6
Battery Pack	SOLO370
Smoke Generator	SOLO371
Cup & Membrane	SPARE1058
Membrane	SPARE1059
Universal Charger/USB Cable	SPARE1060



### **ELECTRONIC SMOKE TESTING KIT**





#### Includes:

1x Solo 365 Electronic Smoke Detector Tester 1x Solo 610 Carrying Bag Solo 100 15' Access Pole 3x Solo 101 4' Extension Poles 1x Solo 200 Removal Tool



# **DISPENSERS & AEROSOLS**

The most widely used system for the last 20 years. Solo 330 is universal, lightweight, and simple to use. The dispenser works with Solo A10 and Smoke Centurion (M8) for the functional testing of smoke detector testers.

Use with Solo C6 for fast and effective testing of CO detectors.

Available in two sizes:

Solo 330/332 Spare Parts

Replacement Red Cup (Solo 330 only) **SPARE1028** 

Silicone Membrane
SPARE1005





SMOKE CENTURION



Aerosol smoke for the functional testing of smoke detectors. For use by hand or with a dispenser (Solo 330/332). Silicone-free. No CFC's and low GWP Propellant. Sold in cases of 12.



SOLO A10 AEROSOL SMOKE



Non-flammable aerosol smoke for the functional testing of smoke detectors. For use by hand or with a dispenser (Solo 330/332). Silicone-free. Sold in cases of 12.



ULSS/// B STATE

NON-FLAMMABLE

Non-flammable aerosol CO for the functional testing of CO detectors. For use by hand or with a dispenser (Solo 330/332). Sold in cases of 12.





## SMOKESABRE HAND-HELD AEROSOL





# The ultimate hand-held smoke detector tester.

The built-in 'Sabre' makes the product unique compared to other hand-held smoke test sprays - preventing use too close to the detector, which could lead to damage and nuisance alarms. SmokeSabre is the ideal backup for your complete test and maintenance kit or perfect as a test solution for small jobs or infrequent testing. Sold in cases of 12.

PERFECT FOR SMALLER JOBS!



# **HEAT DETECTOR TESTING**







### SOLO 460 CORDLESS HEAT DETECTOR TESTER



The industry's leading standalone heat detector tester. The battery-powered Solo 460 is lightweight and easy to use. Suitable for fixed temperature, rate-of-rise, and combination detectors.

Contact us for the Solo 423/424 Corded Heat Detector Tester.



### SOLO 461 HEAT DETECTOR TEST KIT



# Solo 461 Accessories & Spare PartsBattery BatonSOLO770Battery ChargerSOLO727Silicone MembraneSPARE1005Heat BaffleBAFFLE

#### Includes:

1x Solo 460 Cordless Heat Head Unit 2x Solo 770 Battery Batons 1x Solo 727 Charger



SDi Product Catalog 2024

# **DETECTOR SENSITIVITY TESTING**



# TRUTEST SMOKE DETECTOR SENSITIVITY TESTER

Over time, smoke detector sensitivity can drift, becoming more or less sensitive. This fluctuation in sensitivity can cause the alarm to function ineffectively. Using detector testers to check the sensitivity of fire alarms is not only required by law but also provides greater control over the sensitivity of the fire alarms you're inspecting.

Trutest combines functional and sensitivity testing in one convenient package. With only one test, Trutest reads the precise detector sensitivity, indicating whether the detector needs to be recalibrated or replaced.





Smoke 400 is a non-flammable aerosol used with the Trutest 801 to test the detector sensitivity of ionization or photoelectric smoke detectors. Sold with Trutest in the 800 Kit or available separately in cases of 12.

Trutest Accessories	
Pole Clamp	TRUT730



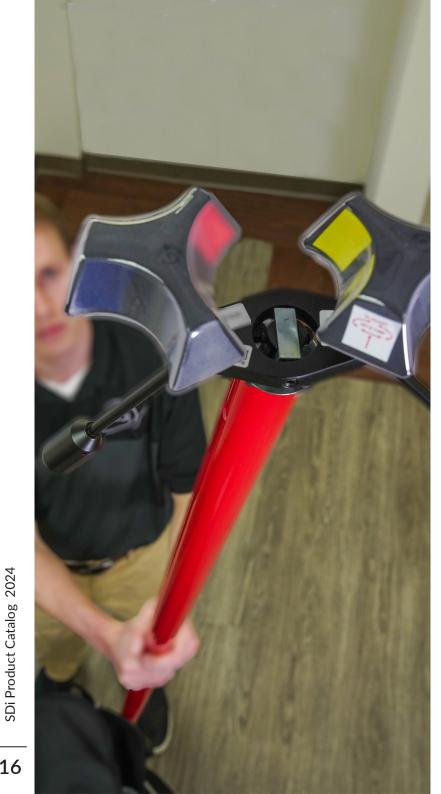
### TRUTEST SMOKE DETECTOR SENSITIVITY TEST KIT



#### Includes:

1x Trutest 801 Smoke Detector Sensitivity Tester 12x Trutest Smoke 400 Detector Test Aerosol Canisters 1x Storage Case and Pole Bag 1x Solo 100 15' Telescopic Access Pole





# **REMOVAL & CLEANING**





### **SOLO 200 UNIVERSAL REMOVAL TOOL**

### SOL0200

The Solo 200's universal design can accommodate the installation and removal of the widest range of detectors.

Color-coded heads rotate to provide a combination of sizes and settings to suit detectors of varying sizes and shapes. *Lifetime limited warranty*.

Solo 200 Spare Parts

Transparent Grips

SPARE1002

**Solo**<sup>™</sup>

**BLOWOUT DETECTOR** DUSTER



BlowOut hand-held air duster is perfect for use with fire alarm equipment. BlowOut comes with a directional straw, allowing access to hard to reach areas. BlowOut 10oz cans are sold in cases of 12.



# **HOW HIGH ARE YOU TESTING?**



17

# **SOLO TEST & MAINTENANCE KITS**

### **SMOKE STARTER KIT**



#### Includes:

1x Solo 100 15' Access Pole 1x Solo 330 Dispenser 12x Smoke Centurion Aerosols 1x Solo 604 Carrying Bag





# SMOKE STARTER KIT



#### Includes:

1x Solo 108 8' Access Pole 1x Solo 330 Dispenser 12x Smoke Centurion Aerosols 1x Solo 604 Carrying Bag





#### Includes:

1x Solo 101 4' Extension Pole 1x Solo 330 Dispenser 12x Smoke Centurion Aerosols 1x Solo 604 Carrying Bag



## SMOKE, HEAT & CO TECHNICIAN KIT



#### Includes:

1x Solo 100 15' Access Pole 1x Solo 101 4' Extension Pole 1x Solo 200 Universal Removal Tool 1x Solo 330 Dispenser 1x Solo 460 Heat Detector Tester 1x Solo 727 Battery Charger 2x Solo 770 Battery Batons 1x Solo 610 Carrying Bag



### SMOKE, HEAT & CO ENHANCED TECHNICIAN KIT



#### Includes:

1x Solo 100 15' Access Pole 3x Solo 101 4' Extension Pole 1x Solo 200 Universal Removal Tool 1x Solo 330 Dispenser 1x Solo 460 Heat Detector Tester 1x Solo 727 Battery Charger 2x Solo 770 Battery Batons 1x Solo 610 Carrying Bag



# SOLO & TRUTEST KIT



#### Includes:

1x Solo 823 Enhanced Technician Kit 1x Trutest 801 Detector Sensitivity Tester 12x Smoke 400 Aerosol Canisters 12x Solo A10 Smoke Detector Tester Canisters 12x BlowOut Detector Duster 1x Cell Checker

### **UPGRADE TO THE ST2 KIT**

The ST2 Kit includes everything in the ST1 Kit plus dB Checker, Duct Checker, and a case of Smoke Centurion (12 cans)



# SOLUTIONS FOR TESTING POINT & ASD SYSTEMS

Testing hard-to-access smoke detectors? Scorpion is the solution for buildings with hard-to-access detectors. Suitable for both Point and Aspirating Smoke Detection (ASD) systems, Scorpion ensures all smoke detectors can be tested regardless of location.

Detectors in hard-to-access locations still need to be tested, and this can take not only additional time but incur additional costs and personnel downtime. Scorpion suits a wide range of applications.







# SCORPION POINT SMOKE DETECTOR TESTER



The Scorpion 1011 head unit is permanently installed alongside a smoke detector, testing is then initiated from a hand-held controller via a conveniently sited access point.

#### Includes:

1x Scorp 1001-001 Point Head Unit & Mounting Bracket 1x Scorp 25-001 Access Point





# SCORPION ASD SYSTEM TESTER

SCORP2011



The Scorpion head unit is permanently mounted adjacent to a sampling point on an ASD system pipe - typically at the end of the run. Just one unit is required for each pipe run - regardless of the number of sampling points.

#### Includes:

1x Scorp 2001-001 Point Head Unit & Mounting Bracket 1x Scorp 25-001 Access Point





## ENGINEERS PORTABLE CONTROLLER

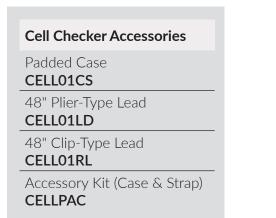
SCORP7000



# The portable controller connects to a Scorpion Access Point to enable smoke generation and testing. Powered via a Solo 770 Battery Baton\*

\*Available separately

# **ALARM COMPONENT TESTERS**







Cell Checker utilizes pulse load technology to provide a comprehensive test of a battery's state of charge and condition. Rather than simply displaying a voltage reading, Cell Checker determines a battery's remaining power capacity by measuring its ability to maintain voltage levels while under load.

Use Cell Checker to test the performance of 2- to 12-volt batteries up to 200AH. Cell Checker also tests SLA batteries.



Power Checker uses a patented, high-accuracy pulse load test to provide a comprehensive means of testing the state of charge or state of power for more than 30 primary (non-rechargeable) and rechargeable battery types, including NiMH, Li-Ion, alkaline, lithium, coin cell, button type and more. This microprocessorcontrolled unit is designed for commercial or home use.





The ideal tool for measuring the sound pressure levels for audible alarm notification appliances as mandated by the National Fire Alarm & Signaling Code. The dB02 supports A frequency weighting and the dB01 supports A to C frequency weighting.

#### Specifications:

- Meets IEC651 Type 2 and ANSI S1.4 Type 2 Standards
- Conforms to NFPA 72
- dB01 Measurement Range: 32 to 130 dB at frequencies of 31.5 Hz to 8 KHz
- dB02 Measurement Range: 40 to 130 dB at frequencies of 100Hz to 8.3KHz







Duct Checker is ideal for annual testing to ensure that the duct detector will sample the differential pressure via the sampling tubes, as required by NFPA 72. Duct Checker is manufacturer-approved, easy to use, and ensures accurate results.



# **AV CHECKER**



AV Checker is the ideal device for annual testing to ensure that the duct detector will sample the air velocity as required by NFPA 72, and according to manufacturer's instructions.

#### Specifications:

- Ensures duct detector will sample the air velocity correctly
- Easy to use
- Includes custom hard case
- Digital thermometer function
- Conforms to NFPA 72
- Meets CAN/ULC \$536-04,5.7.4.4.1

BUNDLE DUCTOI AND AVO2 WITH A DUCT DETECTOR TEST KIT (DUCTPKG)



# SPEECH INTELLIGIBILITY **TESTING**

Having an effective and accurate fire safety system is equally as important as having reliable testing tools to ensure that it is functioning properly. Voice evacuation alarms need specific testing tools to ensure clear communication. SDi proudly offers Bedrock speech intelligibility testing solutions for use with emergency voice systems.





The BTB65 Talkbox is a calibrated acoustic signal source for taking STIPA measurements and more. It can play test signals through its built-in loudspeaker, or you can use the line-out feature to play the test signals through other devices. Includes a hard case.

- Easy to use touch screen
- Loudspeaker frequency range 20 15,000 Hz
- Plays back signal at a standardized (calibrated) signal level of 54-72 dB(A) at 1m
- Signal level can be increased/decreased relative to the environment





The Bedrock BTB115 is an advanced acoustic signal generator that supports a variety of test signals, including STIPA and full STI. Designed to match a human talker in terms of directivity pattern and other characteristics, the BTB115 Advanced Talkbox removes the hassle of creating a calibrated test setup.

- 3 Capacitive touch displays
- Effective frequency range 80-16,000 Hz
- Playback of user-uploaded signals calibrated on-the-fly through the powerful internal DSP.
- Integrated class 2 laser pointer and laser distance meter (range 0.03-1.50m). SPL at the test position is calculated from the distance.
- Wireless control via WiFi or Bluetooth

#### Accessories

Custom Hard Case

**SMBTBCS** 





# **CLASS 1 MEASURING INSTRUMENT**



The Bedrock AM100 is our most advanced class 1 / type 1 acoustic measuring instrument. It includes all the functionality of the Bedrock SM90 and more but has higher specs all around (such as more storage, a better display, and integrated wireless connectivity).

- Conforms to IEC651 Type 2, ANSI S1.4 Type 2
- Complies with NFPA 72 2013, ANNEX D



## **SPEECH INTELLIGIBILITY TESTER**



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Bedrock SM50 is a versatile speech intelligibility tester for fire safety systems. It has a user-friendly touch screen for easy control and can measure both STIPA and full STI, Features include RTA, FFT, Reverberation Time, Noise Curves, and more. It also has a USB port for quick connectivity and includes a hard case.

- Conforms to IEC651 Type 2, ANSI S1.4 Type 2
- Complies with NFPA 72 2013, ANNEX D

# SERVICE

In addition to providing the best fire and life safety equipment in the industry, SDi also services, maintains, and provides support for all our products. With more than 20 years of combined experience, our service staff has the knowledge and skills necessary to keep your equipment performing at its best with minimal downtime. SDi's trained technicians are also available to provide convenient telephone support as well as online training.

SDi's Service Department honors all warranty work, performs routine equipment maintenance and calibration, and can correct problems that may arise with your testing equipment in an efficient, precise, and timely manner

#### Our services include:

- Preventative maintenance to extend the life of your equipment and reduce costly repairs
- Routine maintenance to keep your equipment operating at peak efficiency
- Repair and calibration services for:
  - Trutest
  - Cell Checker
  - dB Checker
  - SM50 & BTB65 Talkbox

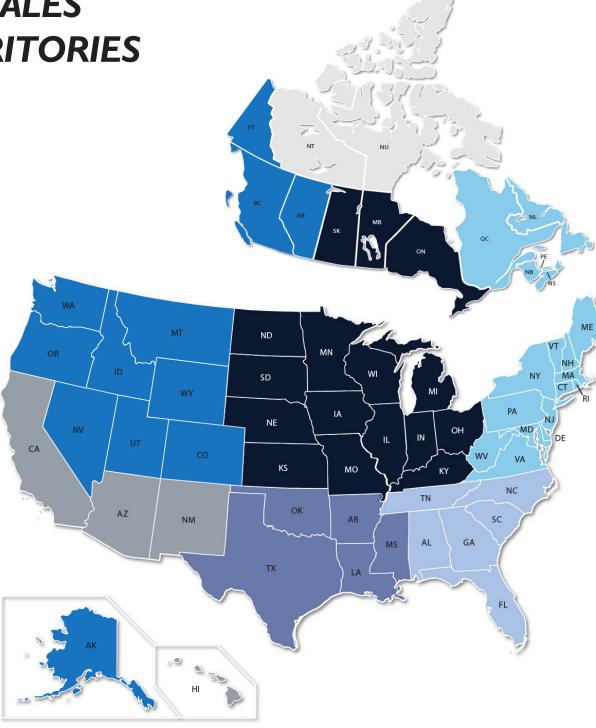
For service inquiries, please contact our service team at 732-751-9266 or email service@sdifire.com



### SCAN FOR PRODUCT SUPPORT & TRAINING VIDEOS



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