

PRODUCT CATALOG

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



www.sdifire.com



FOR OVER 20 YEARS...

SDi has cultivated a reputation as the world's leading provider of specialized equipment for the fire protection and security industries.

Our partnerships with detector manufacturers and affiliations with industry associations provide critical insight into the fire detection market and ensure our products are compatible, code compliant, and meet all industry standards.

We are dedicated to introducing exceptional products and innovative solutions to the fire and security industries, providing quality today and advancing technology for tomorrow.

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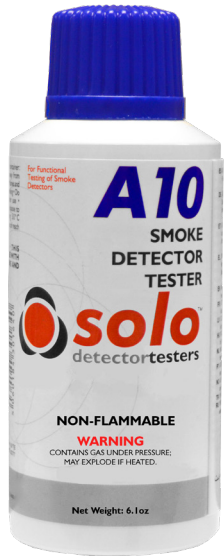
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AEROSOLS



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.



SOLO C6 AEROSOL CO



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.



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.

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.



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SMOKESABRE



Hand-held smoke detector tester is perfect for smaller jobs.

Hand-held aerosol smoke for the functional testing of smoke detectors. Silicone-free. No CFC's. Sold in cases of 12.



AEROSOL DISPENSERS



SOLO 330 AEROSOL DISPENSER



Solo 330 is universal, lightweight and simple to use. Its swing frame allows for use at any angle.

Use with Solo A10 or Smoke Centurion (M8) smoke detector test aerosol or Solo C6 for functional testing of CO detectors. *Lifetime limited warranty*

Fits
Up To 4"
Diameter



SOLO 332 AEROSOL DISPENSER



Solo 332 is a universal, lightweight and simple to use dispenser with a swing frame for use at any angle.

Use with Solo A10 or Smoke Centurion (M8) smoke detector test aerosol or Solo C6 for functional testing of CO detectors. *Lifetime limited warranty*

Fits
Up To 7"
Diameter



HEAT DETECTOR TESTING



Tests
Up To
194°F

SOLO 460 CORDLESS HEAT TESTER

SOLO460



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 up to 194°F/90°C.

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

SOLO 461 HEAT DETECTOR TEST KIT

SOLO461



Includes:

1x Solo 460 Cordless Heat Head Unit

2x Solo 770 Battery Batons

1x Solo 727 Charger





SOLO 200 UNIVERSAL DETECTOR REMOVAL TOOL

SOLO200

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*

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SOLO ACCESS POLES



SOLO 100 15' TELESCOPIC ACCESS POLE

SOLO 100



The lightweight, easy to use Solo 100 Access Pole extends from 4.8ft to 14.9ft. Add up to three extension poles to test up to 29.5ft.

Minimum possible whip or bend at height. Certified non-conductive, protecting both the engineer and overhead live equipment from inadvertent shorts. Compatible with all Solo, Testifire, and Trutest head units.
Lifetime limited warranty.



SOLO 108 8' TELESCOPIC ACCESS POLE

SOLO 108



The lightweight, easy to use Solo 108 Access Pole adds 7.2ft to your testing height capability.

Minimum possible whip or bend at height. Certified non-conductive. Compatible with all Solo, Testifire, and Trutest head units.
Lifetime limited warranty.



SOLO 101 4' EXTENSION POLE

SOLO 101



The lightweight, easy to use Solo 101 Extension Pole adds 3.9ft to your testing height capability. Can be used on its own or add up to three extension poles to extend the Solo 100 or Solo 108.

Minimum possible whip or bend at height. Certified non-conductive. *Lifetime limited warranty.*





SOLO 365 ELECTRONIC SMOKE DETECTOR TESTER



Solo 365, the latest innovation in Solo's detector tester line, uses non-hazardous, non-pressurized, environmentally-friendly cartridge technology for smoke generation.

Solo 365 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. Its unique clearing mode all but eliminates repeat alarms by clearing remaining smoke.

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**SOLO 365 SMOKE
DETECTOR TESTER**



Includes:

- 1x Solo 365 Smoke Detector Tester
- 1x Solo ESI Smoke Cartridge
- 1x Solo 371 Smoke Generator
- 1x 370 Lithium Ion Battery Pack
- 1x USB Universal Charger



**ADAPTADOR
ASD SOLO 372**



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

CONSUMABLES

Solo 365 Smoke Cartridges (6-Pack)	SOLOES6
Solo 365 Battery Pack	SOLO370
Solo 365 Smoke Generator	SOLO371

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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.

Choose Testifire 1001 for testing heat and smoke or Testifire 2001 to test heat, smoke, and CO.

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.

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MULTICRITERIA DETECTOR TESTERS



TESTIFIRE SMOKE AND HEAT TEST KIT

Tests
Up To
212°F

TF1001



Includes:

- 1x Testifire 1000 Head Unit
- 1x TSI Smoke Capsule
- 1x Solo 727 Battery Charger
- 2x Solo 770 Battery Batons



CONSUMABLES

<i>Testifire Smoke Capsules (3-Pack)</i>	TS3
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TESTIFIRE SMOKE, HEAT AND CO TEST KIT

Tests
Up To
212°F

TF2001



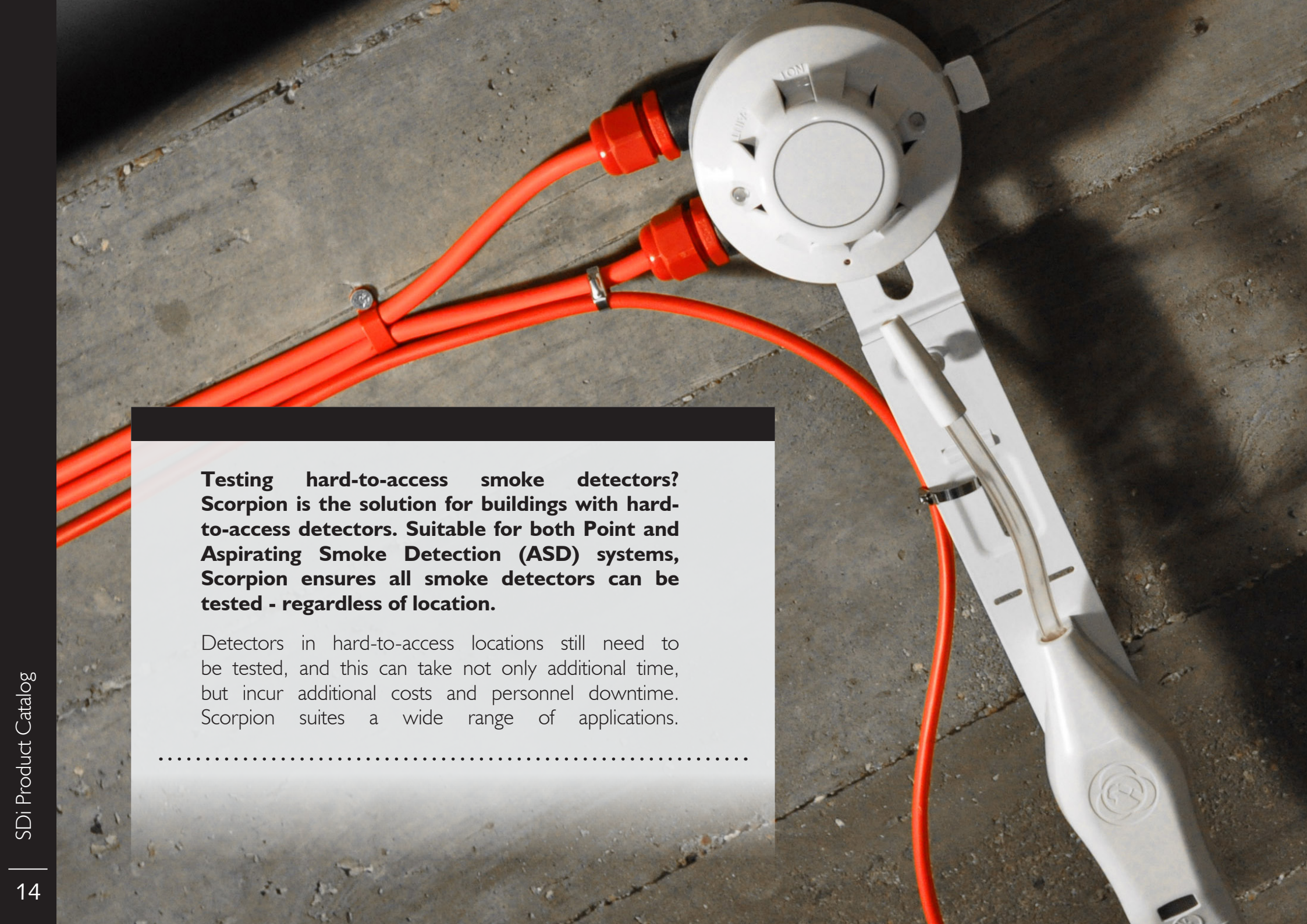
Includes:

- 1x Testifire 2000 Head Unit
- 1x TSI Smoke Capsule
- 1x TCI CO Capsule
- 1x Solo 727 Battery Charger
- 2x Solo 770 Battery Batons



CONSUMABLES

<i>Testifire Smoke Capsules (3-Pack)</i>	TS3
<i>Testifire CO Capsules (3-Pack)</i>	TC3

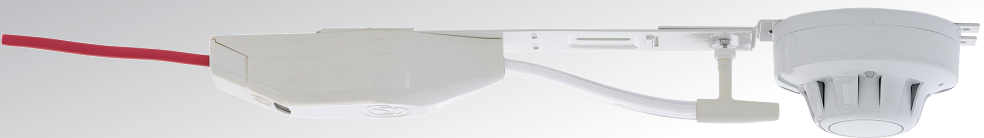


Testing hard-to-access smoke detectors? Scorpion is the solution for buildings with hard-to-access detectors. Suitable for both Point and Aspirating Smoke Detection (ASD) systems, Scorpion ensures all smoke detectors can be tested - regardless of location.

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 suites a wide range of applications.

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SOLUTIONS FOR TESTING POINT & ASD SYSTEMS



SCORPION POINT SMOKE DETECTOR TESTER

SCORP 1011 

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

Portable controller connects to a Scorpion Access Point to enable smoke generation and testing.

Powered via a Solo 770 Battery Baton*

*Available separately



MULTICRITERIA TEST & INSPECTION KITS

SMOKE & HEAT DETECTOR TESTING KIT

TF1851



24ft Reach

Includes:

- Testifire 1001 Smoke & Heat 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

TF2851



24ft Reach

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 DETECTOR TESTING KIT

TF1823



30ft Reach

Includes:

- Testifire 1001 Smoke & Heat Kit
- 1x Solo 100 15' Access Pole
- 3x Solo 101 4' Extension Poles
- 1x Solo 200 Removal Tool
- 1x Solo 610 Carrying Bag



SMOKE, HEAT & CO DETECTOR TESTING KIT

TF2823



30ft Reach

Includes:

- 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



DETECTOR SENSITIVITY TESTING



TRUTEST SMOKE DETECTOR SENSITIVITY TESTER

TT801



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.



TRUTEST SMOKE DETECTOR SENSITIVITY TEST KIT

TT800KIT



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



SMOKE 400 AEROSOL SMOKE DETECTOR TESTER

SMOKE400



Smoke 400 is a non-flammable aerosol that is 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.



SMOKE STARTER KIT**SOLO810****10ft
Reach****Includes:**

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

**SMOKE STARTER KIT****SOLO808****12ft
Reach****Includes:**

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

**SMOKE STARTER KIT****SOLO809****20ft
Reach****Includes:**

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

**SMOKE, HEAT & CO
TECHNICIAN KIT****SOLO851****24ft
Reach****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****SOLO823****30ft
Reach****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



ELECTRONIC DETECTOR TEST KITS

COMPACT SMOKE TESTING KIT

SMART365 

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

20ft Reach



ELECTRONIC SMOKE TESTING KIT

SOLO900 

Includes:

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

30ft Reach



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ALARM COMPONENT TESTERS

checkerTM
ALARM COMPONENT TESTERS

POWER CHECKER

PC01



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 (nonrechargeable) and rechargeable battery types, including NiMH, Li-Ion, alkaline, lithium, coin cell, button type and more. This microprocessor-controlled unit is designed for commercial or home use



checkerTM
ALARM COMPONENT TESTERS

DUCT CHECKER

DUCT01

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.



checkerTM
ALARM COMPONENT TESTERS

CELL CHECKER

CELL03



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.



CELL CHECKER ACCESSORIES

Padded Case CELL01CS

48" Plier-Type Lead CELL01LD

48" Clip-Type Lead CELL01RL

Cell Checker Accessory Kit (Case & Strap) CELLPAC

DB CHECKER SOUND LEVEL METERS

The ideal tool for measuring the sound pressure levels for audible alarm notification appliances as mandated by the National Fire Alarm & Signaling Code. Two models are available to support either A frequency weighting (dB02) or A to C frequency weighting (dB01).

checkerTM
ALARM COMPONENT TESTERS

DB CHECKER 01/02

DB01/DB02

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
- Easy to use
- A or C frequency weighting (dB01)
- A frequency weighting (dB02)



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.

checkerTM
ALARM COMPONENT TESTERS

AV CHECKER

AV02

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 S536-04,5.7.4.4.1



SPEECH INTELLIGIBILITY TESTING

Fire safety should never be taken for granted. Having an effective, accurate fire safety system is crucial and reliable testing tools are essential to ensure that system is functioning properly. Voice evacuation alarm systems require specific testing tools to ensure the voice is clear and easily understood. SDi proudly offers Bedrock speech intelligibility testing solutions for use with emergency voice systems.



SPEECH INTELLIGIBILITY TESTER

SM50

Bedrock SM50 is a universal, easy to use speech intelligibility tester for fire safety systems. The SM50 is designed for ease-of-use, with a simple, user-friendly touch screen for precise and basic control. SM50 is capable of taking both STIPA and full STI measurements and includes features such as RTA, FFT, Reverberation Time, Noise Curves, and more. A built-in USB port provides fast and versatile connectivity to your network. Includes a hard case.

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



TALKBOX

BTB65

Along with the SM50, SDi also offers the BTB65 Talkbox. The 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 1 m
- Signal level can be increased/decreased relative to environment
- Powered through external power supply (included)
- Can be purchased with the SM50 as a bundle or as a standalone unit





CLASS I MEASURING INSTRUMENT

AM100



The Bedrock AM100 is our most advanced class I / type I 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



INTELLIGIBILITY MEASUREMENT KIT

SMBTBKT

All the necessary tools for speech intelligibility measurements using STIPA or Full STI.

Includes:

- 1x SM50 STIPA Meter
- 1x BTB65 Talkbox
- 1x Custom Hard Case



CUSTOM HARD CASE

SMBTBCS

Custom hard case fits SM50 STIPA Meter and Talkbox along with all their components, including chargers, microphone, wind screen, calibration certificates and more.

Included with the purchase of SMBTBKT, or available for purchase separately.



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:
 - 3 Trutest
 - 3 Cell Checker
 - 3 dB Checker
 - 3 SM50 & BTB65 Talkbox

For service inquiries, please call (732) 751-9266 or email the service team at service@sdifire.com.

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SPARE & MISCELLANEOUS PARTS

MISCELLANEOUS

PDA Holder	SOLO743
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SOLO 200

Solo 200 Transparent Grips	SPARE1002
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SOLO 330/332

Replacement Red Cup (<i>Solo 330 Only</i>)	SPARE1028
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Silicone Membrane	SPARE1005
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SOLO 365

Solo 365 Battery Pack	SOLO370
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Solo 365 Smoke Generator	SOLO371
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Solo 365 Cup & Membrane	SPARE1058
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Solo 365 Membrane	SPARE1059
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Solo 365 Universal Charger/USB Cable	SPARE1060
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SOLO 461

Battery Baton	SOLO760
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Charger	SOLO726
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Silicone Membrane	SPARE1005
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Heat Baffle	DEFLECTOR
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TESTIFIRE

Testifire Inner Cup	SPARE1048
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Testifire Membrane Bellows	SPARE1049
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Testifire Remote Control	TF25
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Battery Baton	SOLO760
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Charger	SOLO726
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TRUTEST

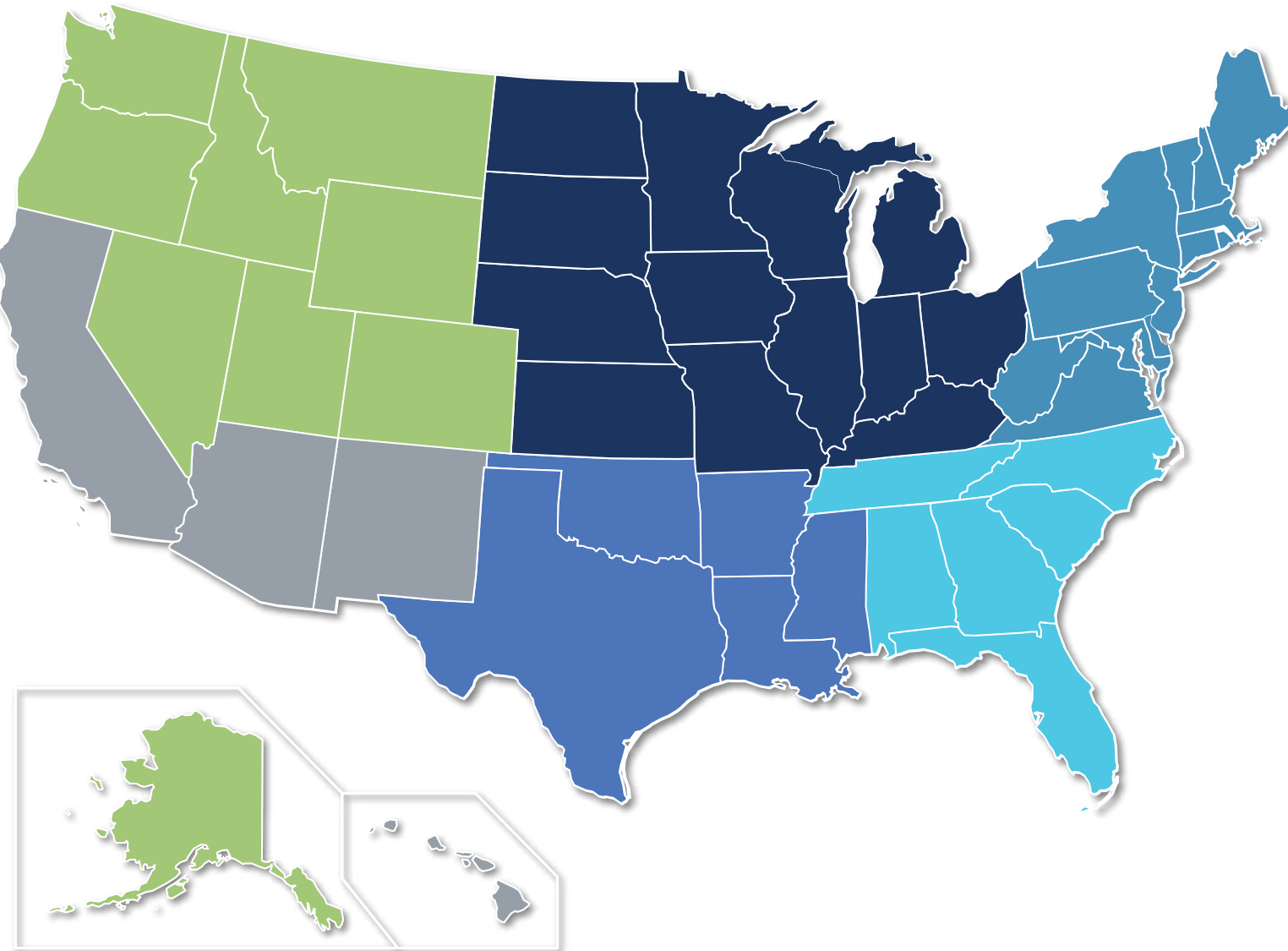
Trutest Pole Clamp	TRUT730
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AEROSOL COMPARISON CHART

	SOLO A10	SOLO C6	A7 AIR	SMOKE CENTURION	SMOKESABRE	BLOWOUT
VOLUME	4.8 Oz	-	10 Oz	2.6 Oz	2.6 Oz	10 Oz
ONE SECOND BURSTS	600+	250	Varies	800	300	Varies
FLAMMABILITY						
SILICONE						
UL			-			-
BASE	Alcohol	-	-	Oil	Oil	-
HANDHELD/ DISPENSER	Both	Both	Handheld	Both	Handheld	Handheld
PRODUCT CODE	SOLOA10	SOLOC6	A7AIR	M8	SABRE	BLOWOUT

SDi SALES TERRITORIES

SDi 2022



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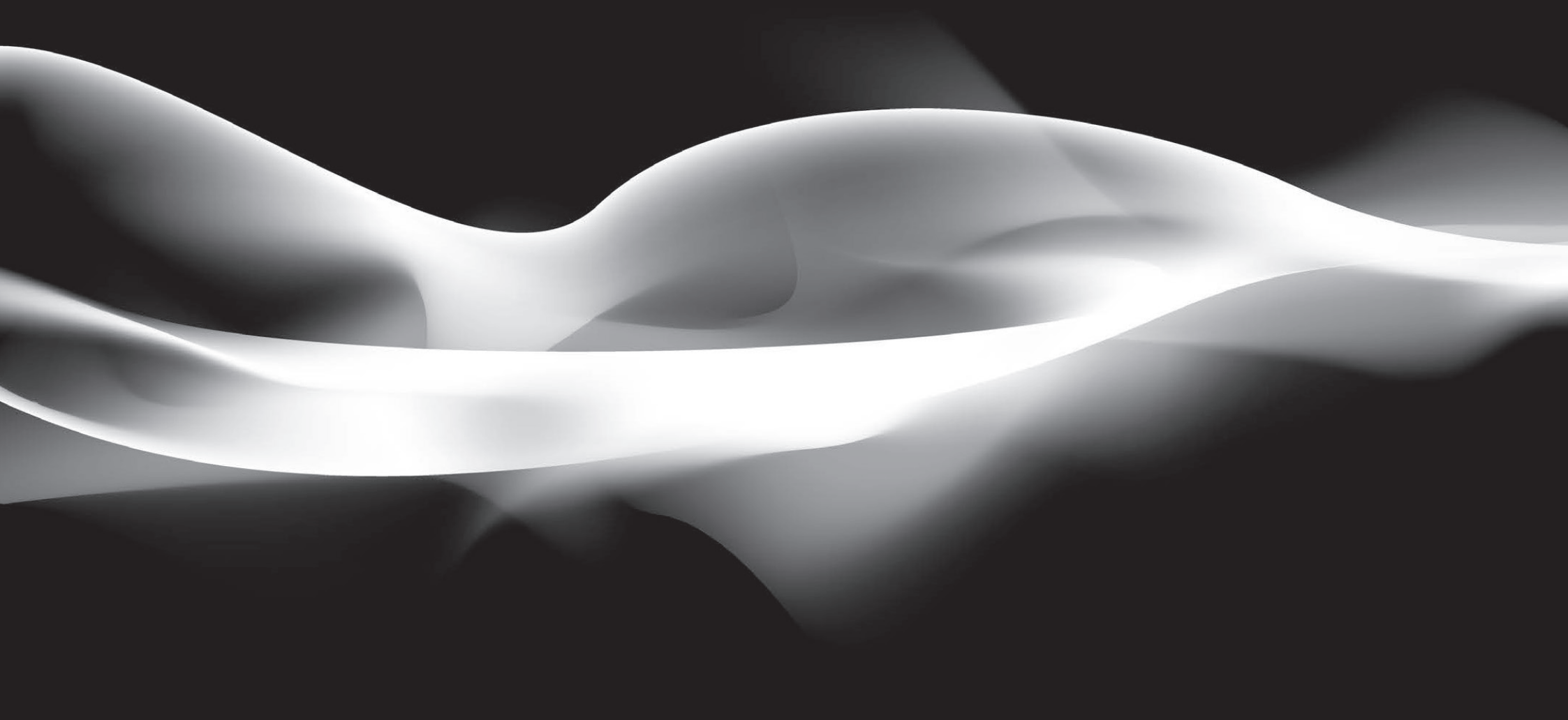
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