PRODUCT GUIDE

Fire Alarm & Life Safety
Test & Maintenance Products

SDi is the world's leading provider of specialized equipment for the fire protection and security industries. With a commitment to offering our customers an unparalleled level of service, SDi has been providing manufacturer approved and UL listed products for over a decade.

Uniquely positioned within the fire protection industry, SDi maintains affiliations with key industry associations and several NFPA committees.

Dedicated to introducing exceptional products and innovative solutions to the fire and security industries, SDi is not only providing quality today but developing technologies for tomorrow.
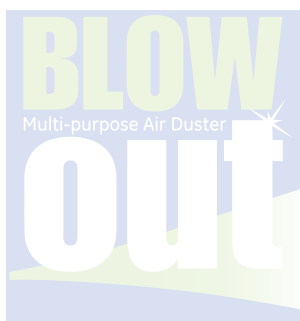
smokesabre®
SMOKE DETECTOR TESTER

BLOW
Multi-purpose Air Duster
Out

checker™
ALARM COMPONENT TESTERS

smokecenturion™
smoke

solo™
detectortesters

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SMOKE DETECTOR TESTING

Fire detector test and service equipment must be safe for both the engineer and system. At a minimum it must comply with international codes and standards and be approved / endorsed by detector manufacturers and third party listing agencies but it also needs to be cost-effective, portable and versatile. The Solo range meets and exceeds all of these requirements and more.

Functional (or Operational) Testing

Functional testing is accomplished by introducing a smoke, or simulated smoke, stimulus from the protected area through the vents of a detector to the sensor (s). It is required by all national standards around the world and testing by electronic means that do not involve this test is not sufficient to comply.

SOLO330- Aerosol Dispenser

- Universal, lightweight, and simple to use
- Suites detectors up to 4' in diameter, clear cup for view of detector LED
- Spring-loaded for drop ceiling; Swing frame allows for use at any angle
- For use with SOLOA4 or Smoke Centurion (M8) aerosol smoke detector testers
- UL Listed; Manufacturer Approved
- Lifetime Limited Warranty

SOLO332- Large Aerosol Dispenser

- Universal, lightweight, and simple to use
- Suites detectors up to 7' in diameter, clear cup for view of detector LED
- Spring-loaded for drop ceiling; Swing frame allows for use at any angle
- For use with SOLOA4 or Smoke Centurion (M8) aerosol smoke detector testers
- Lifetime Limited Warranty

SOLOA10- 4.8oz Non-flammable Aerosol Smoke Detector Tester

- For use in an enclosed delivery system (Solo 330)
- Non-flammable; Non-toxic, Alcohol based
- Fast activation and clearing
- UL Listed; Manufacturer Approved
- Code Compliant
- Silicone Free

SABRE- 2.6 oz Aerosol Smoke Detector Tester

- Faster detector activation and clearing
- More tests per can; lowest cost per test
- Eco-responsible 100% bio-degradeable sabre; ozone friendly, no CFC's
- UL Listed; Manufacturer Approved
- Silicone Free

SMOKE CENTURION (M8)- 2.6 oz Aerosol Detector Tester

- For use by hand or with dispenser (Solo 330)
- Fast detector activation and clearing; More tests per can
- No CFC's and low GWP Propellant
- UL Listed; Manufacturer Approved
- Code Compliant
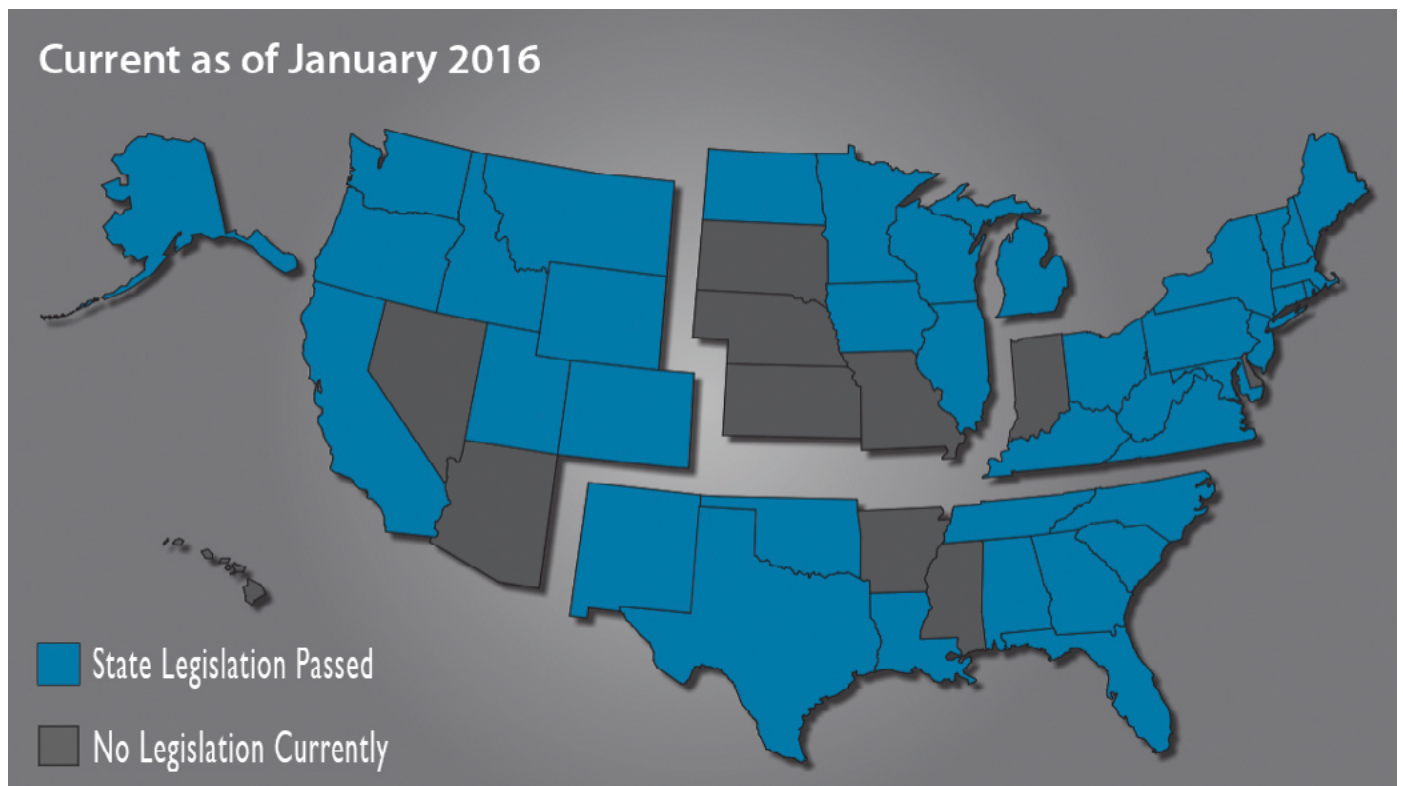- Silicone Free

HEAT AND CO DETECTOR TESTING

Heat Detector Testing

Functional checking of heat detectors, with a genuine heat source, is now required by major national standards around the world. Testing with heat sources not designed for the purpose can be both dangerous and damaging. The Solo range of heat detector testing equipment, designed specifically for the purpose, provides a genuine professional's solution.

CO Detector Testing

Many multi-sensor fire detectors detect carbon monoxide (CO) as well as smoke and / or heat. Under international codes and standards the CO cell needs to be functionally tested with a CO stimulus from the protected area through the detector vents to the sensor.

Solo C6 – used in conjunction with Solo 330 / 332 dispensers - provides a safe way of achieving this with CO concentration levels high enough to activate an alarm, but low enough not to pose danger to user health.

Current as of January 2016

State Legislation Passed

No Legislation Currently

SOLO460- Cordless Heat Detector Tester

- Lightweight and simple to use
- Suites fixed temp, combination, and ROR detectors up to 194°
- Unique IR activation and Cross Air Technology for optimum energy use
- Directs heat straight at detector for rapid activation

SOLO423/424- 110/120 or 220/240 volt Heat Detector Tester

- 110/120 or 220/240 corded models available
- Supplied with 16ft cable
- Lightweight and simple to use
- Suites fixed temp, combination, and ROR detectors up to 194°
- Unique IR activation and Cross Air Technology for optimum energy use
- Directs heat straight at detector for rapid activation

SOLO461- Cordless Heat Detector Test Kit

- Includes 2 NiMH Batteries and charger
- Lightweight and simple to use
- Suites fixed temp, combination, and ROR detectors up to 194°
- Unique IR activation and Cross Air Technology for optimum energy use
- Directs heat straight at detector for rapid activation

SOLO760- Battery Baton

- For use with the Solo 460 Cordless Heat detector tester
- Slim NiMH battery
- Non-hazardous battery for easy shipping worldwide

SOLO726- Solo Charger

- Rapid Charger for use with Solo 760 battery batons
- Uses 100-240 V AC or 12 V DC input for charging

SOLOC6- C0 Detector Tester

- Safe, controllable, genuine non-flammable CO gas
- Only CO tester approved for Systems Sensor and Interlogix CO Alarms
- Fast test and reset times
- UL Classified; Manufacturer Approved
- Designed for use with system monitored CO detectors

REMOVAL AND CLEANING

Detectors need removal and replacement for various reasons. The vast majority are fitted on bayonet mountings and the task can be done using specialist tools fitted to appropriate access poles. Using such specialist devices saves the time, cost, disruption and risk to safety that ladders, scaffolding or access gear represents.

ACCESS POLES

Access poles are required for detectors out of normal reach. Their use saves the time, cost, disruption and risk to safety that ladders, scaffolding or access gear represents.

The value of these access poles over 'other poles' is not just the quality of their design and manufacture. It becomes evident when they are required on a daily basis and / or are used at great heights. Pull-wound glass fiber construction provides non conductivity with an optimum strength to weight ratio and high tolerance manufacture ensures minimum possible whip or bend at height relative to weight and cost. This, coupled with the simple locking mechanism of the telescopic sections means that these access poles combine ease of use with design and manufacturing excellence.

SOLO200- Detector Removal Tool

- For use with Solo Access Poles
- Universal design suits widest range of detectors
- Color-coded heads rotate to provide a combination of sizes and settings
- Lifetime limited warranty

SOLOA7- Detector Duster

- 8.7 oz can
- High velocity burst and non-flammable formulation
- Simple to use
- Silicone Free

BLOWOUT- Detector Duster

- Large 10 oz can
- Perfect for use with fire alarm test equipment
- No CFC's
- Silicone Free

SOLO743- PDA Holder

- Use in conjunction with Solo access poles
- Scan Bar Codes/RFID Tags up to 30 Ft.
- Additional custom removal tools available

SOLO100- 15' Access Pole

Solo 100-
extends from 4.8ft to 14.9 ft

- Light – easy to use at height, on-site, day after day
- Non-whip – even at height
- Certified non-conductive – protecting both the engineer and overhead live equipment from inadvertent shorts
- Lifetime Limited Warranty

SOLO108- 8' Access Pole

Solo 108-
extends from 4ft to 7.2 ft

- Light – easy to use at height, on-site, day after day
- Non-whip – even at height
- Certified non-conductive – protecting both the engineer and overhead live equipment from inadvertent shorts
- Lifetime Limited Warranty

SOLO101- 4' Extension Pole

Solo 101-
3.9 ft

- Light – easy to use at height, on-site, day after day
- Non-whip – even at height
- Certified non-conductive – protecting both the engineer and overhead live equipment from inadvertent shorts
- Lifetime Limited Warranty

DETECTOR TEST KITS

Solo testers are available either as separate components or as complete kits – configured both by height and application. The price of complete kits is usually less than the sum of the component parts.

SOLO808- Smoke Starter Kit 12'

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

SOLO809- Smoke Starter Kit 20'

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

SOLO810- Smoke Starter Kit 10'

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

SOLO851- Smoke, Heat, CO Technician Kit 24'

- 1 x Solo 100 15ft Access Pole
- 1 x Solo 101 4ft Extension Pole
- 1 x Solo 200 Universal Removal Tool
- 1 x Solo 330 Dispenser
- 1 x Solo 460 Heat Detector Tester
- 1 x Solo 610 Carrying Bag
- 1 x Solo 726 Battery Charger
- 2 x Solo 760 Battery Batons

SOLO823- Smoke, Heat, CO Enhanced Technician Kit 30'

- 1 x Solo 100 15ft Access Pole
- 3 x Solo 101 4ft Extension Poles
- 1 x Solo 200 Universal Removal Tool
- 1 x Solo 330 Dispenser
- 1 x Solo 460 Heat Detector Tester
- 1 x Solo 610 Carrying Bag
- 1 x Solo 726 Battery Charger
- 2 x Solo 760 Battery Batons

ALARM COMPONENT TESTERS

SDi offers a wide range of alarm component test tools to complement our detector test equipment. These tools include devices for testing auxiliary components of alarm systems, such as batteries and audible appliances, as well as testing solutions for duct and flame detectors.

CELL03- CellChecker

- Accurate pulse load testing
- Tests SLA batteries
- Identifies weak or failing batteries in alarm systems
- Tests battery performance - not just voltage/internal resistance
  Accessories:
  - CELL01CS Padded Case
  - CELL01LD 48" Lead with Charger (Plier-Type)
  - CELL01RL 48" Lead with Clamps (Clip-Type)
  - CELLPAC CellChecker Accessory Kit

CE

DB02- DB Checker

- Ideal for testing audible public emergency alarm appliances
- Easy to use
- Conforms to NFPA 72
- Meets IEC651 Type2 and ANSI S1.4 Type 2 standards

CE

PC01- PowerChecker

- Accurate pulse load testing
- Ideal for wireless detectors
- Computes state of charge (SoC) for more than 40 battery types
- Easy to use - no switches or settings
- Test battery condition - quickly and easily identifies weak or failing batteries

CE

DUCT01- DuctChecker

- Samples air stream in duct detectors
- Easy to use
- Conforms to NFPA 72
- Meets CAN/ULC S536-04, 5.7.4.4.1
- Includes custom hard case

CE

AV02- AVChecker

- Ensures duct detector will sample the air velocity correctly
- Easy to use
- Conforms to NFPA 72
- Meets CAN/ULC S536-04,5.7.4.4.1
- Includes custom hard case
- Digital Thermometer function

CE

DB01- DB Checker

- Meets IEC651 Type2 and ANSI S1.4 Type 2 standards
- Measurement Range: 32 to 130 dB
- A or C frequency weighting
- Fast or slow time weighting
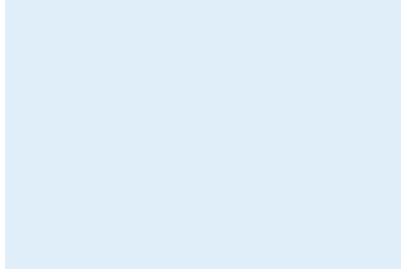- Includes 4 plugs

CE

VIEW01- ViewChecker

- Ideal for capturing still images, video clips or hard-to-see areas of equipment
- Long 6ft. flexible-obedient probe
- Video Out jack and cable
- Great for HVAC Duct Inspection
- Includes custom hard case

CE

SDi
SERVICE

In addition to providing the best fire and life safety system test and inspection equipment in the industry, SDi also provides service and support for all equipment that we offer. Our products are backed by SDi's industry leading limited lifetime and one year warranties. Our trained technicians provide customers with outstanding telephone support, repair and recalibration services as well as online and onsite training.

Our service center, located in Neptune, NJ, provides timely and quality repair and calibration services for our TRUTEST. Repair and replacement services are also available for all of our other product lines. Please contact our service team for more details. Service Vouchers are available at the time of purchase. Expedited services are also available.

For service inquires please call **732-751-9266** or email a member of our team at **service@sdifire.com**

SDi, LLC.

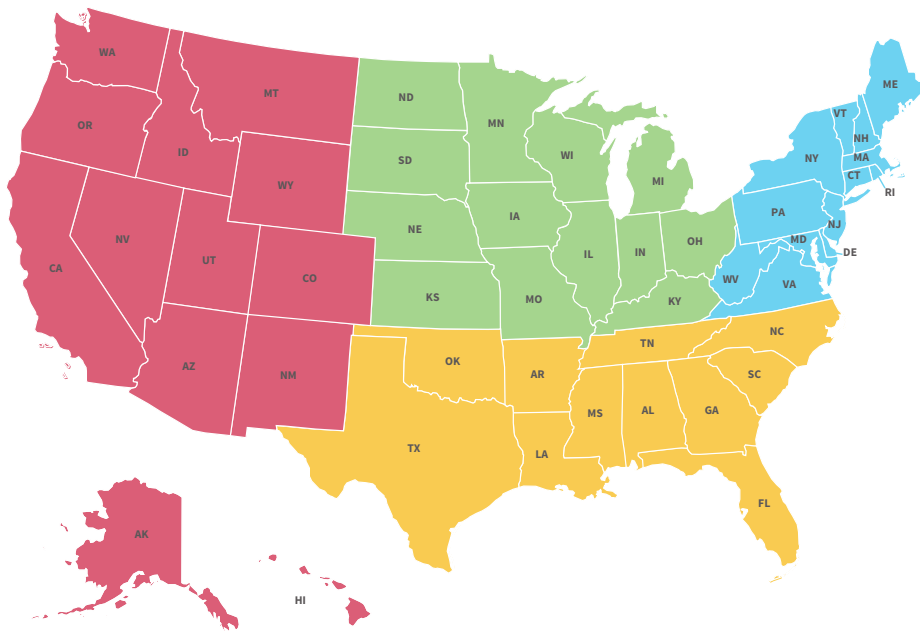3535 Route 66, Building 6
Neptune, NJ 07753
Phone 732-751-9266
Fax 732-751-9241
To request an RMA, please visit:

www.sdifire.com/support

SDi
SALES

To request a quote for any of our products, a quote request can easily be submitted on our website. If any further assistance is needed, please refer to the map below to contact your regional sales manager.

	Western Region		Midwest Region		Southern Region		Northeast Region
	Ivy Moon		Andrea Barghini		Lynde Bailey		Pat Ryan
	ivy.moon@sdifire.com		andrea.barghini@sdifire.com		lynde.bailey@sdifire.com		pat.ryan@sdifire.com
	Cell: 310-344-6608		Cell: 312-402-4550		Cell: 813-508-5111		Cell: 732-299-2402