

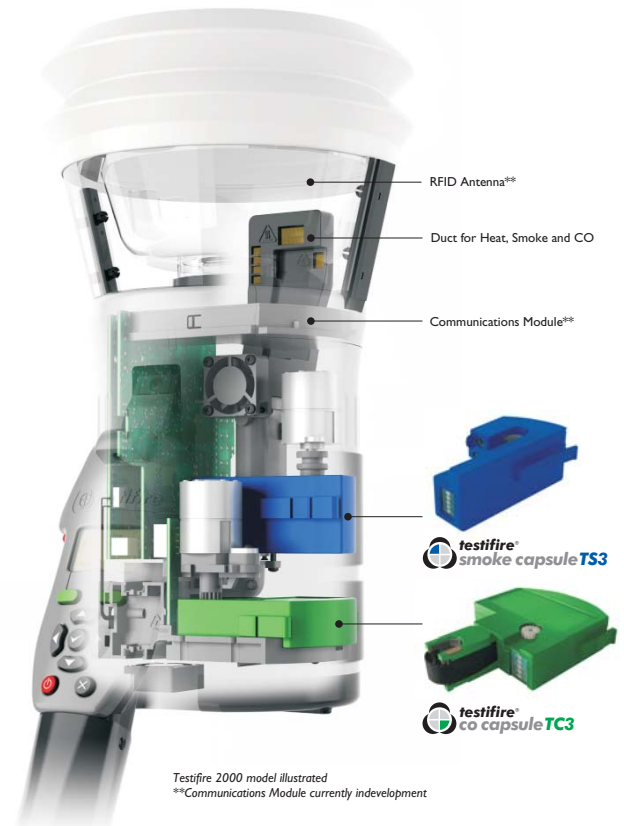
SMOKE HEAT CO REPORTING & CONTROL



testifire® is the world's first multi-stimulus detector tester for smoke, heat, and CO fire detectors. This enables faster and more efficient testing of single or multi-sensor detectors. Testifire includes an array of advanced and intelligent technologies that change traditional approaches to stimuli production and delivery. Testifire is the result of several years of technological development to meet 21st century health, safety, environmental and technological demands.



- 4 in 1: **Smoke - Heat - CO - Reporting & Control****
- Multi or single-sensor tester
- Simultaneous, consecutive or single stimuli
- Ultimate link between detector, tester and reports



Smoke, Heat and CO stimuli are created in a single test unit, and delivered individually, or - for the first time - simultaneously, in whichever combination is required. Testifire does this without using pressurized cans of gas or hazardous media. Stimuli (Smoke, Heat, and CO) are generated at the time of test using safe and patented processes fuelled by replaceable capsules.



Specialized Fire Products

www.sdifire.com

SMOKE HEAT CO REPORTING & CONTROL

Speed / Productivity & Cost Benefits

- Testing with one tool is faster and more productive
- Combined stimuli (e.g. Smoke + Heat) delivers quicker activation times for combination detectors
- Simultaneous stimuli can cut test times in multi-sensors by up to 66%*
- Clearing cycle provides rapid detector reset with no repeat alarm
- Increased test capacities from both Smoke and CO capsules deliver material cost savings
- Communications Module** enables auto-configuration - automatically selecting and implementing appropriate test for detector in question
- Open protocol Communications Module** links tester to 3rd party PDA-based reporting software, simplifying procedures, eliminating errors and cutting test times

* If the detector and panel can enable and verify individual sensor activation

** Communications Module currently in development

Technological Benefits

- Ability to test a wider range of heat detectors with enhanced deployment of heat and multiple heat settings
- Optimized smoke delivery method enables activation of complex detectors: the sole functional test method of triggering such detectors
- Ability to perform "witness" tests for the first time on smoke or multi-sensor detectors with complex and / or interdependent algorithms
- Ability to upgrade future smoke, heat or CO profiles through firmware updates

Physical Benefits

- One tool instead of two or three makes service tasks simpler and quicker to accomplish on site

Image Benefits

- Professional and technological image sets service organization apart from the competition

Residue / Damage Elimination Benefits

- Design eliminates possibility of residue and detector damage through misuse

Health, Safety & Hazard Benefits

- Elimination of pressurized canisters for both smoke and CO delivers safety benefits and reduces transport costs through elimination of hazardous surcharges
- On-demand CO generation and safety features deliver optimum safety for CO testing
- Safe, non flammable, non toxic, plastic compatible test stimuli backed up with full REACH and CHIP3 compliance

Environmental Benefits

- Replacing pressurized aerosols with smoke and CO capsules addresses concerns over global warming (GWP) and Volatile Organic Compounds (VOCs) while retaining safe, non-flammable test stimuli

Compliance & Audit Trail Benefits

- Ability to test all popular types and / or combinations of fire sensor delivers cost effective compliance with global test standards
- RFID and Bluetooth module delivers documented traceable reports (stored, if desired, on the RFID Tag as well as on 3rd party software)

Universal Benefits and Approvals

- Suitability for use on Smoke (optical, dual optical, ionisation), Heat (rate of rise, fixed temperature), CO, Multi Sensor, Conventional, Addressable and Intelligent detectors from global manufacturers means one test instrument meets every need
- CE, RoHS, and WEEE compliant
- Tested, approved and recommended for use by world leading detector manufacturers
- Produced by the world's only ISO 9001 listed specialist fire detector tester manufacturer



Testifire 1000 Series
Head Unit
Smoke & Heat

Testifire 2000 Series
Head Unit
Smoke, Heat & CO



International Standards

Testing with Testifire aids compliance with codes and standards globally.

*"The detectors shall be tested in place to ensure smoke entry into the sensing chamber and an alarm response."
NFPA 72 2002 Table 7-2.2 (Test Methods) 1.3.g.1*

*"Each smoke detector shall be tested for operation by introducing smoke or simulated smoke to the detecting chamber in accordance with the manufacturer's instructions."
CAN/ULC S536 5.7.4.1.2*

Testifire® is a registered trademark



International Patents Apply

www.testifire.com

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