



SOLO™

detectortesters



SOLO 461 HEAT DETECTOR TESTER

Solo 461 is a cordless heat detector tester designed to provide a fast, functional test of heat detectors without risking damage to the detector. The tester uses Cross Air Technology (CAT™) to direct heat horizontally across the test cup directly to the sensor. The universal design suits widest range of detectors (up to 4" in diameter).

The result of this unique design is:

- Dramatically reduced test times
- Minimum power drain on battery
- Compatibility with widest range of detectors- Rate of Rise, Fixed Temperature and Combination up to 90°C/194°F

Also available: Solo 423/424 Heat Detector Tester (110 -> 240 Versions)

- **UL & ULC Listed**
- **Approved by leading detector manufacturers**
- **Cordless- no cables**
- **Supplied with 2 x battery batons and UL Listed rapid charger with vehicle adapter**
- **Rapid detector activation**
- **Lightweight**
- **Simple to use**
- **1 year warranty**
- **Compatible with Solo range of access poles**
- **Storage bag available**



SOLO™

Solo 461 offers numerous benefits and unique features which have seen it become the test tool of choice for engineers and technicians worldwide.



Solo 760 Battery Baton

Solo 726 Fast Charger



SOLO™

detectortesters



HOW DOES IT WORK?

The **Solo 461** incorporates a 'reference platform' which ensures that the 'beam' of heated air is lined up correctly with the sensor- regardless of size or shape of the detector. As the detector enters the clear cup of the head unit, an infrared beam is broken which starts the heat test. Before exiting the heat duct, blown air is heated by the element- the narrow opening forces the heat into a 'beam'. Targeting the 'beam' directly at the sensor not only provides fast test times, but also preserves battery life.

When the test is complete and the detector exits the clear cup, the infrared beam is restored, switching off the heated air flow.

SPECIFICATIONS

Suitable Detector Types: Point type, rate of rise, Fixed Temperature and combination up to 90°C/194°F

Maximum Detector Size: Any, as long as the sensing element can be targeted by the heat source duct

Number of Tests: Typically 50 tests per Battery Baton, so limitless if charging one Baton whilst using another

Maximum Height: Up to 9m/30ft using the Solo range of access poles

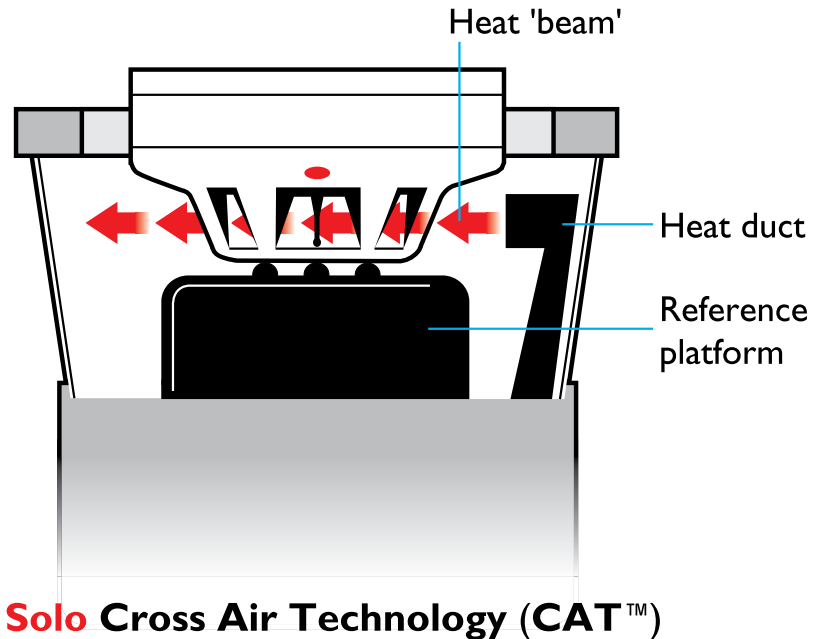
Approvals: UL/ULC Listed (Charger also UL Listed)

Safety Features: Battery over-current cut-out, Element safety cut-out after 120 seconds, Auto power off after 5 minutes

Operating Features: Color coded LED user feedback, Automatic infrared sensing of detector, Multi-lock position head, Fast charge 90 minutes (mains and vehicle)

Environment: Operating temperature: 5C to 45C/40F to 115F, Storage temperature: -10C to 50C/15F to 120F, Humidity: 0-85% RH non-condensing

Weights: Solo 460: 665g/1lb 8oz (without Solo 760 Battery Baton), Solo 460: 1.125kg/2lb 9oz (with Solo Battery Baton), Solo 760: 490kg/1lb 1oz



ALSO AVAILABLE FROM SDi

- **Professional Smoke Detector Testers**
with approved and listed dispensers
- **Genuine Professional Heat Detector Testers**
suitable for fixed temperature, rate of rise and combined detectors
- **CO Detector Testers**
with approved and listed dispenser
- **Aerosol Dispensing Tools**
as recommended by detector manufacturers
- **Detector Removal Tools**
suitable for all leading makes and model of detector
- **Access Poles**
to enable detector maintenance up to 30+ ft.
- **Complete Maintenance and Service Kits**
providing complete solutions in economical and convenient kit formats
- **Smoke Detector Sensitivity Instruments**
to identify sensitivity drift and help ensure that smoke detector sensitivity is maintained within defined calibration parameters