

# Detector Testing Device

## Testifire 1001 / 2001

Combined smoke and heat testing device for automatic fire detectors series HX, SecuriStar 521/531 and 563/573



**Fig. 1**  
Testifire 1001



**Fig. 2**  
Testifire 2001

### Description

The Testifire 1001 detector testing device is a completely mobile deployable device for testing the functions of fire detectors.

It is suitable for use in testing optical smoke detectors, temperature detectors (maximum temperature and change in temperature detectors) and multiple sensor detectors, thereby enabling a quicker and more productive execution of maintenance work.

Further the Testifire 2001 has a CO test function.

Smoke and heat testing agents are present in a single unit (capsule) which can be easily changed.

The CO test agents are available in a separate capsule, and can be used only with the Testifire 2001.

There is also the possibility to carry out a programmed test which tests fire detectors simultaneously (a combination of smoke and warmth) or serially (e.g. smoke test and then heat).

With the Testifire 2001 is possible to carry out the CO test after the simultaneously test of smoke and heat. The CO test cannot be simultaneously performed with the smoke and heat test.

A cleaning mode has the effect that the remaining testing agent is blown out of the device as soon as the test has been completed, thereby allowing the device to be reset in the control panel more quickly.

It is possible to carry out a heat test for change in temperature and maximum temperature detectors up to 90°C, although on request a maximum temperature of up to 100°C can be tested. A concentrated ray of heat ensures that the heat sensor is activated quickly. The smoke test is carried out using simulated smoke, which is produced internally using a small heat exchanger and a harmless liquid from the smoke capsule. The test activation is carried out by an infrared barrier, with no physical triggering with contact to the ceiling being necessary.

The display language can be changed via the menu at any time, with the following languages being available: German, English, Spanish, French, Italian, Dutch and Swedish.

Moreover the Testifire 1001 / 2001 also has a USB port to allow the device to be connected to a PC/Laptop for updates.

The testing device is supplied with power by a rechargeable battery pack, and can therefore be operated in a completely mobile manner. The initial charging time is between 5 and 6 hours, thereafter the charging time is between 75 and 90 minutes. In order to increase the working height of the Testifire 1001 telescopic testing poles are available, that extend up to 4.5 metres.

### Maintenance

The Testifire 1001 / 2001 consists solely of parts which can not be serviced by the user them self, for which reason the device should also not be taken apart. Dust or dirt on the device can be wiped off with a damp lint-free cloth, however, it should be ensured that the ventilation apertures are never blocked. Moreover, only original parts from the manufacturer should be used.

### Compatibility

All automatic fire detectors manufactured by Securiton can be tested with the Testifire 1001 / 2001.

A plexiglass insert to fit the MCD 573, for testing its heat detection sensor is shipped. The testing device can be used with existing UTPxx testing bars when used with an Adapter (FG030281).

### Article numbers / spare parts

Brief description	Art. No.	Art. No. CH
Testifire 1001 Detector Testing Device	6900451-0201	
Testifire 2001 Detector Testing Device	6900452-0201	
UTP SOL Adapter UTP-Test-Pole to Testifire head	FG030281--	
ASU 533 Adapter Solo-Test-Pole to UDR 533	5600099.0201	
Smoke Capsule TS3	6900453-0201	
CO Capsule TC3	6900454-0201	
Solo 720 Battery Baton	6900455-0201	
Solo 726 Universal Fast Battery Charger	30-6900056-01-01	
Solo 610 Protective Carrying / Storage Bag	6900457-0201	
Solo 620 Pole Carrying / Storage Bag	6900458-0201	
Solo 100 Fibreglass 4 Section Telescopic Pole – 4.5 m	6900459-0201	
Solo 108 Fibreglass 2 Section Telescopic Pole – 2.5 m	6900460-0201	
Solo 101 Fibreglass Extension Pole – 1.13 m	6900461-0201	

# Data sheet

## Technical data

Electrical Power Source	Rechargeable battery pack 7.2 V / 2.2 Ah NiMH cell
Recharging time (if fully discharged)	75 – 90 minutes
Power consumption	Heat test 4 – 6 A Smoke test < 0.5 A
Dimensions Testifire 1001 (H x D)	224 x 153 mm
Dimensions Testifire 2001 (H x D)	273 x 153 mm
Operating temperature	+5°C to +45°C
Relative Air Humidity (without condensation)	0 to 85 %
Storage temperature	-10°C to +50°C
Weight Testifire 1001	0,990 kg
Weight Testifire 2001	1,25 kg
Protection class	IP20