ESSER
by Honeywell

Multifunction testing device for fire detectors

- **Creation of smoke, heat and CO in a single testing device**
- **Simultaneous or successive testing with different activating materials**
- **Desmoking of detector via integrated ventilator for faster reset**
- **Suitable for single criterion and multi-criterion detectors**
- **Test activation via infrared barrier, no mechanical triggering, no ceiling contact necessary**
- **Easy, quick and efficient testing as changing of testing device is not necessary**

Effective testing of single and multi-criterion detectors

The Testifire 2001 testing device is designed for the quick and effective performance testing of point-type fire detectors with different sensors. The activating stimuli for smoke, heat and CO (carbon monoxide) are created directly inside the device which makes an exchange of testing devices for different detector types unnecessary. The testing device is suitable for all optical smoke detectors, ionization detectors, CO detectors and heat detectors. The testing of the different sensors can be carried out successive or for all simultaneously.

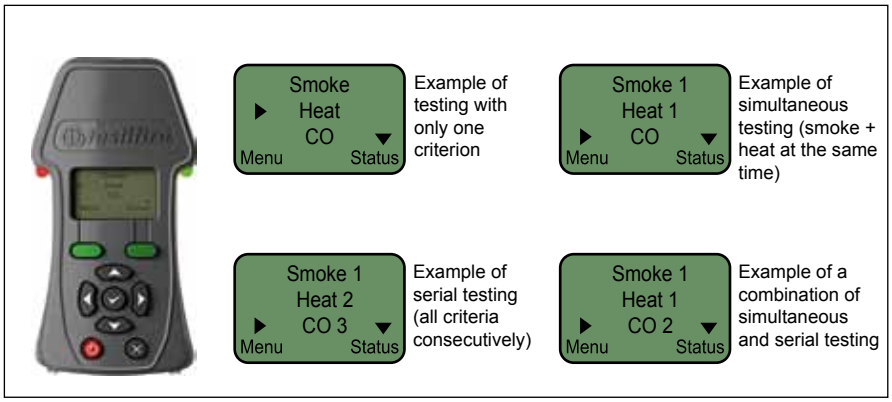
The respective testing materials are produced from the corresponding cartridge (smoke or CO) at the moment of testing. Pressurized spray cans are no longer being used.

The power supply for the testing head is provided by NiMH batteries (nickel-metal hydride accumulator) in the adapter between the testing head and the telescopic rod. The batteries can be reloaded with the charger using either the power supply (100 - 230 V AC) or underway using 12 V DC (e.g. motor vehicle cigarette lighter).

Menu-controlled user guidance

The selection of the testing materials, as well as their combination and sequence are menu-driven via keyboard and are represented on the display (multilingual). Consequently simultaneous or serial testing, for example, or even a combination thereof can be easily chosen and then carried out at the detector. The activation of the testing device occurs automatically as soon as the detector interrupts the light barrier integrated in the device. If necessary, a cleaning phase can be chosen between the respective testing criteria so that the smoke is cleared from the sensor chamber by the integrated ventilator for the next testing criterion.

The respectively active criterion is represented by a multicolored LED indicator and is clearly recognizable even from long distances. The fill level of the respective test resources capsules can be shown in the display. Warnings are indicated automatically, for example if a cartridge is approaching the empty mark. The cartridges offer a much higher productivity in comparison with spray cans.



Device assembly and system overview

Technical data

Heat detector response threshold	up to 90 °C adjustable to up to 100 °C
Ambient temperature	+5 °C ... +45 °C
Storage temperature	-10 °C ... +50 °C
Air humidity	max. 85 % (without formation of condensation)
Battery charging time	75 ... 90 min.
Weight	TF 1001 1.00 kg (incl. battery baton)
	TF 2001 1.23 kg (incl. battery baton)

Order information	**Part No.**
Multi-stimulus detector tester TF1001	805550
Multi-stimulus detector tester TF2001	805551
Smoke capsule for multi-stimulus detector tester	805552
CO capsule for multi-stimulus detector tester	805553
Plastic telescopic rod (max. 4.5 m)	060427
Plastic telescopic extension (1.13 m)	060426
Spare battery baton	060431

For further order information please refer to our „Fire Alarm Technology“ product line catalog.

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