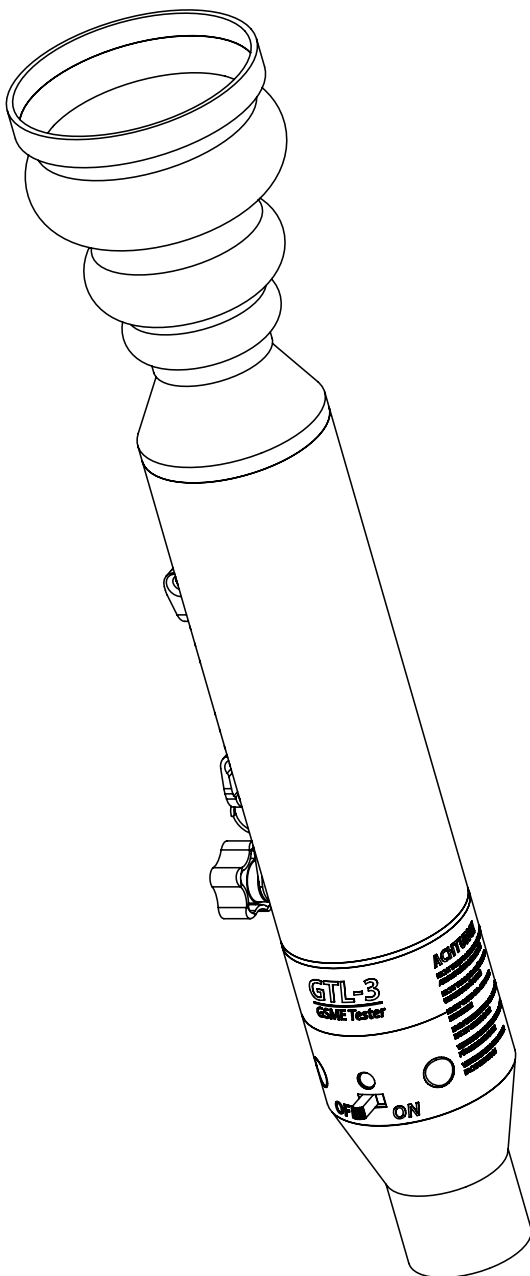


# GSME Test Device

## GTL-3

Test device for function testing of all ADICOS detectors of type GSME



The Advanced Discovery System (ADICOS®) is used for early detection of fires in industrial environments. It is comprised of various, separate detector units. By parameterizing and arranging the detectors appropriately, the system fulfills a predefined detection goal. The ADICOS system ensures reliable early detection of embers and smoldering fires even in adverse environments.

The ADICOS GTL-3 is a test device that can be used for functional testing of all GSME fire gas detectors. For this purpose, the fire-typical gases are released in a controlled manner.

The test device is also particularly suitable for detectors in special installation situations in industrial environments. With the attachable telescopic rod from the solo™ test system of the company No Climb Products Ltd. (detectortesters.com), even hard-to-reach places can be reached.

### Characteristics

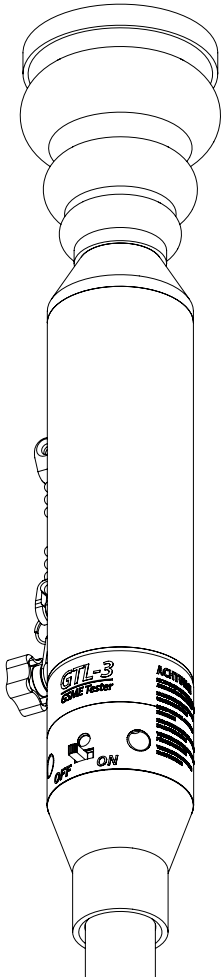
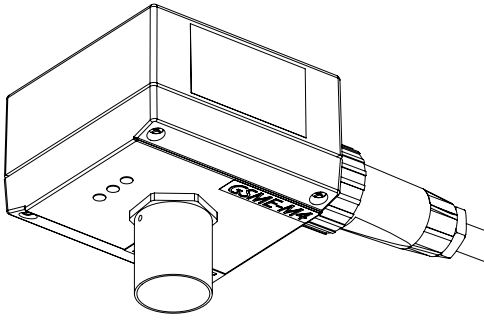
- Robust enclosure
- Easy handling
- Generation of typical fire gas components
- Compactness of the tester simplifies the testing process
- Practical transport case included in delivery

### Applications

- Functional tests with the GTL-3 tester comply with the application rules for the installation and operation of fire alarm systems according to DIN 14675-1.

# GTL-3 Operation and Specifications

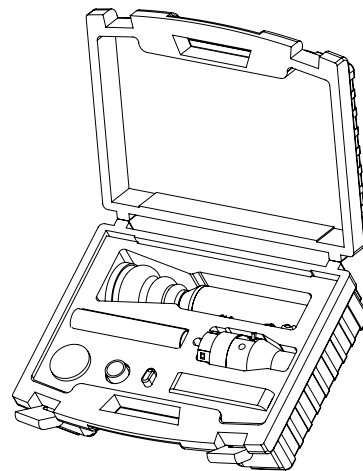
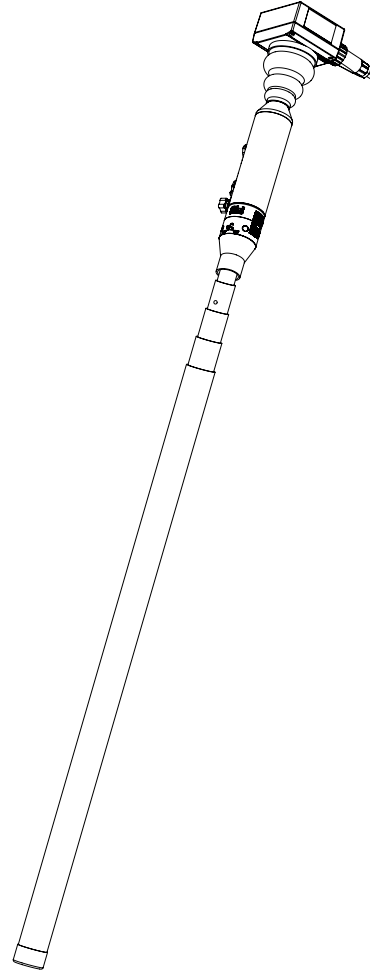
## Function



ADICOS GTL-3 are test devices for functional testing of GSME detectors. They can be used to generate the typical fire gases by safely burning (smoldering) a smoldering rod.

The GTL-3 test device is designed as an attachment for the widely used solo™ detector test system from No Climb Products Ltd (detectortesters.com). It consists of a fire chamber in which a special smoldering rod made of pressed wood is smoldered in a controlled manner. They release the gas mixture required to trigger the GSME fire detectors in sufficient concentration. A controlled draft of air supplies the smoldering fire generated in the test device with fresh air in the process.

The GTL-3 is mounted on the telescopic rod of the solo™. The battery is located in the handle. After ignition, the gas funnel of the GTL-3 tester is pressed against the front of the detector to be tested. This allows the fire gases to reach the sensors of the GSME detector.



The GTL-3 reaches great heights, such as in installation situations in industrial plants, with the aid of the telescopic extension pole of the solo™ system, which can be extended to a length of five meters.

### Mechanical characteristics

Enclosure	Polystyrene
Abmessungen	430 mm x 90 mm (L x Ø)
Protection class	IP40

### Thermal characteristics

Relative humidity	≤ 95 % (non-condensing)
Temperature range	0 ... 40 °C

### Electrical characteristics

Power consumption	250 mA
Supply voltage	7.2 V
Max. operating time	3.5 h (completely charged)

Technical changes reserved!

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