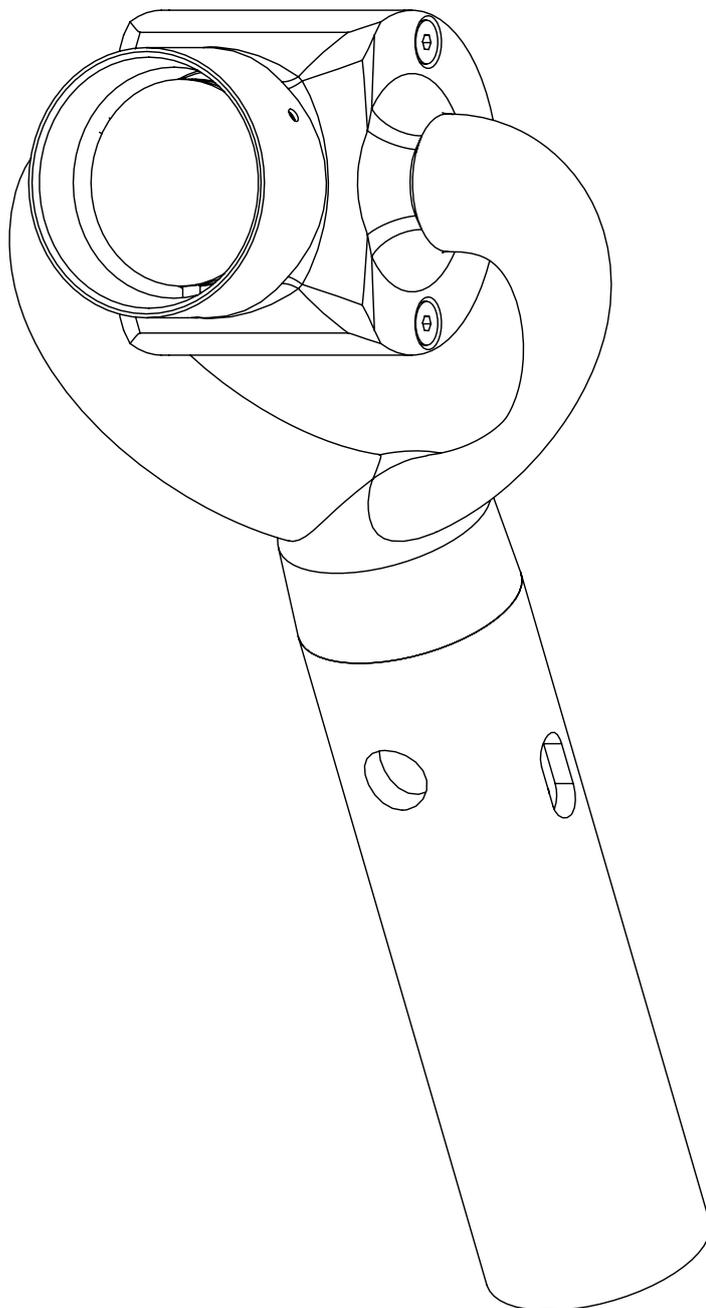


# **HOTSPOT Test Device**

## **HTL-2**

**Test device for functional testing of ADICOS infrared fire detectors**



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 HTL-2 is a mobile device for functional testing of all infrared fire detectors of the HOTSPOT product series.

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

### **Characteristics**

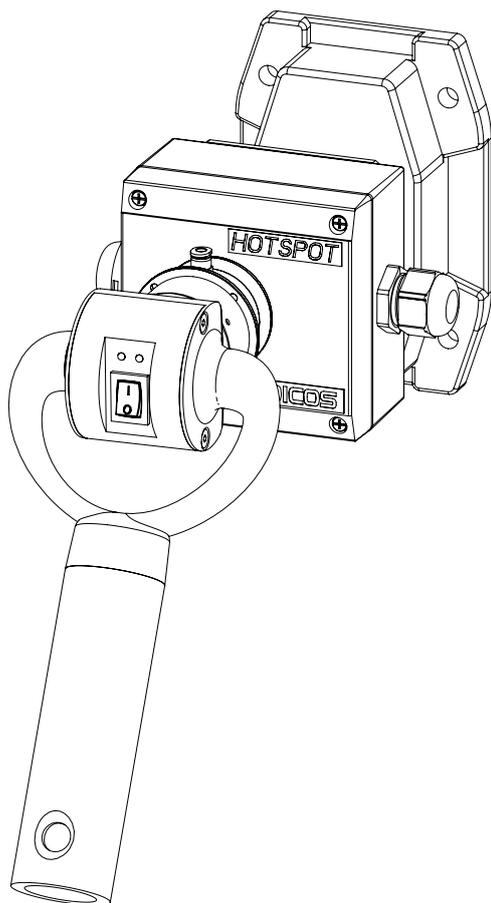
- Robust enclosure
- Easy handling
- Homogeneous spotlighting of the entire sensor array
- Compact test device simplifies the test procedure
- Practical transport case included

### **Applications**

- Functional tests using HTL-2 correspond to the application rules for the construction and operation of fire alarm systems according to DIN 14675-1:2018-04

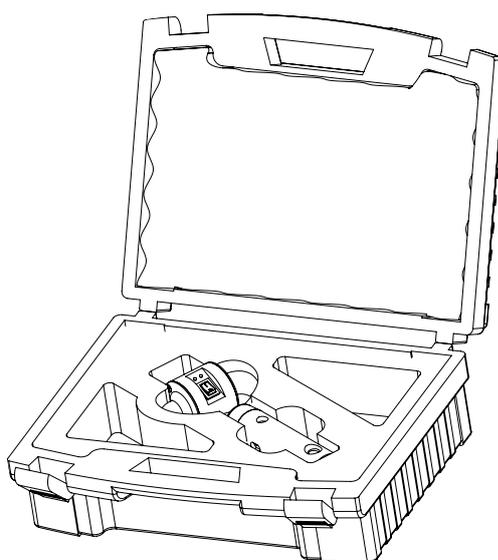
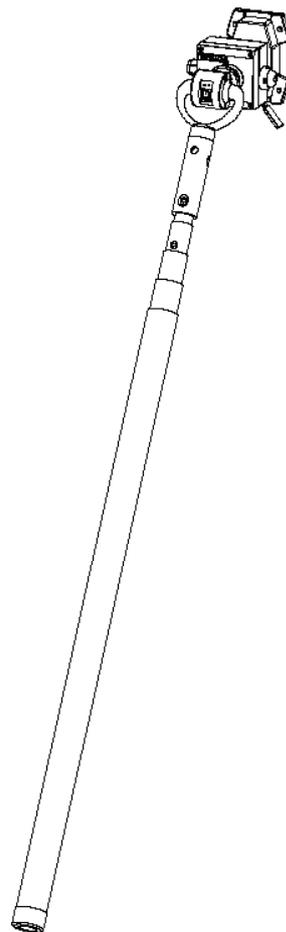
# HTL-2 Operation and Technical Data

## Function



The mobile device for functional testing of all HOTSPOT type infrared fire detectors consists of a robust polystyrene housing with an integrated heating plate, which is regulated to a temperature of 100 °C during operation. This leads to an uniform and clearly visible infrared radiation in the HOTSPOT.

The HTL-2 is designed as an attachment for the widely used solo™ detector test system from No Climb Products Ltd (detectortesters.com). It is mounted on the telescopic pole of the solo™ test system. The battery is placed in the handle. For testing, the heating plate is pressed against the optics of the HOTSPOT detector under test so that the entire field of view of the detector sensor is homogeneously excited.



The HTL-2 is operated with the solo™ battery pole from No Climb Products Ltd. The HTL-2 reaches great heights, such as in installation situations in industrial plants, with the aid of the solo™ telescopic extension pole, which can be extended to a length of five meters.

### Mechanical characteristics

Enclosure	Polystyrene
Abmessungen	265 mm x 110 mm x 60 mm (L x B x T)
Degree of protection	IP40

### Thermal characteristics

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

### Electrical characteristics

Power consumption	1,0 ... 1,2 A
Supply voltage	7,2 V
Max. operating time	3,5 h (with completely charged solo™ battery baton)

Technical changes reserved!

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