

1. General

The UV-Tester is usable for functional checks of UV-Flame Detectors.
The UV-Tester generates UV-radiation, which is similar to the UV-radiation of open flames.
All conventional types of UV-Flame Detectors that can recognize the UV-radiation of wavelengths from 210 nm to 300 nm in principle can be tested with this UV-Tester.

2. Functional check

Turn on the UV-Tester (Slide switch on the housing).
Behind the pane of the UV-Tester the orange-yellow glow of the UV-emitter must be clearly recognizable.
Align the UV-Tester to the UV-Flame Detector.
The distance between UV-Tester and UV-Flame Detector should not exceed 3 meters.
The response time of the UV-Flame Detector depends of:
a) the distance between the UV-Flame Detector and the UV-Tester
b) the sensitivity of the UV-Flame Detector

3. Battery exchange

The batteries should be replaced at the latest, if the glow of the UV-emitter of the UV-Tester is no more recognizable.
The rear screw gland must be opened, to exchange the batteries.

4. Accessories

An Extension Adapter of type: 390 and an Extension Handle of type: 392 can be supplied, if necessary.

5. Caution!

The UV-Tester operates internally with high voltage, therefore don't open the front part with the pane.