

Manual Scanner Tester

The Scanner-Tester is able to simulate IR light and UV radiation, which makes a unique testing device for integrated flame scanners with internal flame relay. Provided with an integrated 9V battery it can be used without a 230V power supply. The unit includes also a 4-20mA analog output analysis of the integrated flame scanner. The current state of the flame and failure relay can be tested.

At the LCD-display you can gather all the information for the flame and failure relay. The Scanner-Tester can control the turn on and the failure response time of the flame relay. The Scanner-Tester can be used in two different operating modes. The battery mode is for testing the flame scanner at the facility. The integrated flame scanner has to be connected at the 24 VDC main power supply.

The second operating mode is the 230 VAC usages. In this mode the flame scanner will be connected direct to the scanner tester 24VDC. (Pin 1+2)

The Scanner-Tester consists a housing with a 1 inch mounting connection with outer thread, an 12 pin terminal block and a carrying handle. A double spaced LCD-display and a small keyboard with 4 control buttons are included.

The status of the flame and failure relay will displayed at the LCD-display. The rear panel of the simulator contains the power plug for 230VAC connection.

The lamp channel is activated with the standard settings and retained equal to the IR adjustment. The Scanner-Tester simulates with independent random variables PWM (Pulse Width Modulation) a flame.



SPECIFICATIONS

- Housing material: Polyester
- Dimensions: 220x120x90mm (LxWxH)
- Weight: 2,20 kg
- Ambient temperature: +5°C bis +50°C
- Input voltage : 100 VAC to 230 VAC
- Rated current: 60 mA
- Power consumption: 0,5 Watt
- Battery : 9 V DC Lithium
- Battery operating time: ca. 15 hours



1. Scanner-Tester
2. Power cable 230V
3. Terminal block
4. Battery box