



SenseTronic UV, IR and UV/IR Flame detector Test Lamp T-229/2 Data sheet and Manual

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Description:

The T-229/2 Flame detector Test Lamp activates UV, IR and UV/IR Flame detectors that detect at 185-235 nm UV and 4.4 μ IR radiation. For UV only detectors the maximum distance is up to 10 meters (32 ft). The typical test range for IR and UV/IR detectors is up to 2.5 meters (8 ft).

Like most IR Flame detectors, the IR-44/10 and the IR part of the UV/IR-229/1(2) have an extra alarm criterion through analyzing the flicker frequency of a fire. In order to simulate the flame flicker the lamp needs to be pulse operated. By pressing and releasing the switch ones to twice per second for the duration of the alarm delay time, the IR or UV/IR flame detector will activate.

Operation:

Before a test is carried out make sure the Flame detector is switched on and the alarm outputs are in override. Please avoid unwanted alarm signals as a result of your test. Unlock the switch by sliding the lock button to the right when looking at the back of the Test Lamp.

The Test Lamp will turn on by pressing the button and turns off when releasing. Sliding the lock button to the left (when looking at the back of the Test Lamp) after pressing the switch, will turn on the Test Lamp for continuous use. Do not use this mode for more than 1 minute.



Point at the Flame detector within the test range and on the central axis of the cone of vision of the detector. Press the switch and wait until the Flame detector is activated. For IR or UV/IR detectors the switch should be intermittent operated in a 0.5 to 1 second pulse. Operate the switch for at least the selected delay time. Most Flame detectors will respond within 30 seconds when the test criteria are met. Do not use the Test Lamp in intermittent operation for longer than 1 minute. Wait at least 30 seconds after each test before performing the next test.

Properties:

Charger	: 110 Vac or 230 Vac / 9 Vdc, 450 (or more) mA	Housing	: ABS (plastic) black
Test range	: UV flame detectors up to 10 meters (32 ft)	Dimensions	: 150 x 240 x 135 mm (6 x 9 ½ x 5¼ inch)
	: IR and UV/IR detectors up to 2.5 meters (8 ft)	Weight	: 1.2 Kg (2.64 lbs)
Battery	: sealed Lead battery, 6 Vdc / 4 Ah	Protection	: IP30 / NEMA 1
Lamp	: H3, 6 Vdc / 35 Watt	Temperature	: +4 to +40 ⁰ C (+39 to +104 ⁰ F)
Use	: 25-35 minutes under optimal conditions		
Fuse:	: 5x20 mm 10A slow fuse (1 spare fuse)		

First use:

Insert the fuse and fuse cap first. The battery is already charged when leaving the factory. However, the unit should be charged immediately after purchase for at least 20 hours (24 hours max.). Charging must be carried out with the switch locked. Lock the switch by sliding the lock button to the left when looking at the back of the Test Lamp.



Charging:

Plug in the charger and apply the charger cable to the Test Lamp. Charging must be carried out with the switch in the locked position. Lock the switch by sliding the lock button to the left when looking at the back of the Test Lamp. The charge time for a completely discharged battery is +/- 20 hours.

Do not charge for more than 24 hours.

The Test Lamp must be fully charged when stored. Each 6-8 weeks the unit should be recharged when stored without using. During charging the red LED in the Test Lamp handle is on. However, when the Test Lamp is completely discharged, during up to four hours the LED will be off.

Please read the following instructions carefully:

- The T-229/2 Test Lamp has a protective grate which should not be removed.
 - Do not stick objects through the grate.
 - Store the Test Lamp clean and dry. A dirty reflector will reduce the test range.
 - Do not use the test lamp in wet conditions.
 - Keep away from children.
 - Do not point directly at eyes from a short distance. Do not look directly into the light.
 - The lamp should not be used when damaged.
 - Do not open the lamp, send it back for repair. Contact Sense-WARE for details.
 - Do not throw the unit in a fire. The battery could explode when exposed to intense heat.
 - Warning, after use the grate may be hot.
 - The sealed Lead battery has a lifetime of several years. Please ask your local city official how to dispose the unit.
 - Not suitable for IR/IR- (dual IR), IR/IR/IR (IR3 or triple IR) flame detectors.
 - Make sure testing of the flame detectors does not activate unwanted alarm signals.
 - Only for use in safe areas.
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