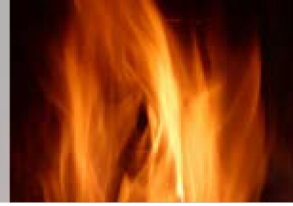


**For UV, IR and UV/IR Flame Detectors
for use in Hazardous Areas**

Ex-proof Test Lamp TL-2055X



Benefits

- Suitable for virtually all UV, IR and UV/IR flame detectors
- 0,3-0,6 meter (1-2 ft) test range for generic UV, IR and UV/IR flame detectors
- Up to 5 meters (16 ft) Test Range for Fire Sentry FS18X, FS20X en FS24X flame detectors
- Light weight: only 2.1 kg (4.5 lbs)
- Standard with universal charger 100-240 Vac with pins for US, EU, GB en AU

The TL-2055X Flame detector Test Lamp for applications in hazardous areas activates UV, IR and UV/IR Flame detectors that detect at 185-235 nm UV, near IR, wideband IR and 4.4 μ IR radiation.

For these UV, IR and UV/IR the test range is 30-60 cm (1-2 ft). For Fire Sentry FSX detectors FS24X (IR3), FS18X (IR2) and FS20X (IR/IR/UV) the range is up to 5 m (16 ft). Most IR Flame detectors have an extra alarm criterion through analyzing the flicker frequency of a fire. This is the reason why the test lamp emits pulsing light. The Fire Sentry FSX series detectors can be tested with the TL-2055X Test Lamp at a distance of up to more than 5 meters (16 ft) which means that the end-user does not have to set up scaffolding or lifts for testing. This will save a lot of money during maintenance.

Specifications

Charger Model	PSU-12: 110-220 Vac/12-15, 1 Amp
Test range UV, IR and UV/IR flame detectors	30 – 60 cm (1 – 2 ft)
Test range for Fire Sentry FSX flame detectors (FS24X (IR3), FS18X (IR2) and FS20X (IR/IR/UV))	Up to 5 meters (16 ft)
Battery type	Ni-MH, 12 V, 2.2 Ah
Dimensions	156.5x124.2x110.5 mm (6.16 x 4.89 x4.35")
Weight	2.1 kg / 4.7lbs
Temperature range	-17 to +75°C (0 to+167°F)
Ingression Protection	NEMA 4 (IP66)
FM and cFM certificate of compliance	Explosionproof for Class I, Division 1, Groups B, C and D; flameproof for Class I, Zone 1, Ex d IIB+H2 T4 Ta = -30 oC to +85 oC; suitable for Class II, Division 1, Groups E, F and G, and suitable for Class III, Division 1, T3 Ta = -30 oC to +85 oC hazardous locations, indoor and outdoor (type 4X / IP66)
ATEX certificate	II 2 G Ex d IIB+H2 T4 Ta = -30 oC to +85 oC IP66

Ex-proof Test Lamp TL-2055X



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. The Test Lamp will turn on by pressing the black switch and turn off when releasing the switch.

Point at the Flame detector within the test range and on the central axe of the cone of vision of the detector. Press the switch and wait until the Flame detector is activated. Operate the switch for at least the selected delay time. Most Flame detectors will respond within 30 seconds when the test criterions are met.



Charging:

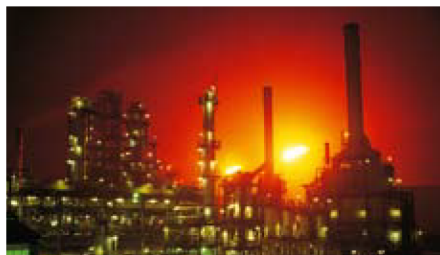
The battery is already charged when leaving the factory. However, the unit should be charged immediately after purchase for 4 hours.

Unlock the lid by unscrewing the lock screw by means of an allen key (7/64"). Unscrew the lid (on the top of the test lamp). Connect the charger cable to the terminal on the right side of the front to charge the 12 Vdc battery. During the charging the red LED on the front of the test lamp will burn.

After the charging is completed, place the lid of the test lamp in the original position and lock the lid by means of the lock screw.



Honeywell Analytics Lines of Business



Commercial

Gas detection from standalone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

- » Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

- » Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial

Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

- » Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets

Find out more

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High Tech/Government

A complete portfolio of gas and chemical detection instrumentation including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion

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Fire Sentry Corporation is now part of Honeywell Analytics. As we begin to fully integrate our companies, you might notice some small changes. This integration is about bringing together two of the best in life safety. We are focused on putting our customers first and making the right decisions to guarantee Honeywell Analytics continues to remain the experts in fire and gas safety.



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