

Puffer Gas Detector Tester

Chlorine, Ammonia &
Hydrogen Sulphide



The Puffer is a portable, battery-operated instrument containing a gas generator and simple hand pump that provides the puff of air needed for sensor response checks

Regular "puff tests" can provide a quick check of sensor response. These involve briefly exposing the gas sensors to a puff of air containing a small amount of target gas. This is often done quite effectively using cylinder gas from calibration cylinders. However, the high cost of the cylinder gas can make this test fairly expensive. What's more compressed gas cylinders can be difficult to transport

Puffers are water resistant for use in any environment and are designed to intrinsic safety standards. Generator cells provide hundreds of tests, with an LED to indicate the remaining life of the generator cell. Generator cells are easily changed and the life indicator can be reset when a new generator is installed

To comply with the requirements of AS2927 a leak detector shall be checked weekly

For puff testing diffusion type gas detectors, the Puffer includes a short outlet tube. Gas is ejected from the generator by pressing the bladder on the front of the unit. For testing detectors with internal sampling pumps, a plug on the unit is removed so that the sampling pump can pull air through the generator cell for delivery to the detector.



AS2927: 2001 The storage & handling of liquefied chlorine gas

4.8.1 Leak detectors

4.8.1.3 Frequency of testing

The leak detector and alarm system shall be checked weekly by holding a weak source of chlorine near the air sample inlet, to ensure that the detector is operating*

Specifications

Power	9VDC alkaline battery
Generator	Electrochemical
Gen. Life	1000 cycles for Cl ₂ 350 cycles for other gases
Pump	Manual bladder
Display	Single digit LED
Outlet Tube	6" (152mm) polyethylene
Enclosure	Nema 4X (IP66)
Size	120 x 80 x 60mm
Weight	333g

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