

# Hydrogen (H2) Gas Leak Detector

SI620



The Stellar Instruments SI620 Trace Gas Leak Detector is designed for detecting gas leaks with extremely high sensitivity. It is equipped with a newly developed heated semiconductor sensor and microprocessor control, providing reliable digital signal processing and accurate leak detection.

The unit features adjustable leak sensitivity levels and 7 LED visual indicators, making operation easy and convenient for users. It can detect hydrogen concentration of less than 5 ppm, making it suitable for precise trace gas leak detection applications.

## FEATURES

- High sensitivity: less than 5 ppm / 2 g per year
- Approx. 1-year sensor life
- Instantaneous response time
- Warm-up time: 45 seconds
- Built-in DC brushless fan
- 15.5 inch / 40 cm flexible stainless-steel probe
- Ambient concentration reset function
- Automatic zero and background compensation



## TECHNICAL SPECIFICATION

Detectable Gases	Mixture 5% Hydrogen (H2) + 95% Nitrogen(N).
Sensitivity	Less than 5 ppm ; 2g/year
Sensor life	approx. 1 year
Response Time	Instantaneous
Warm up time	45 seconds
Flexible Stainless Probe	15.5" (40 CM)
Operating Temperature & Humidity	0 ~40 °C, < 80% RH
Dimension	173 x 66 x 56 mm
Weight	400 g
Battery Life	6-7 Hours
Battery Life	4 AA (6V DC) size Alkaline Batteries