

Model 500 HY-ALERTA Handheld Portable Hydrogen Leak Detector

Description

Protecting lives means being able to locate and find a hydrogen leak as quick as possible. With two sensing elements on the same semiconductor die, the Series 500 can detect hydrogen leaks as low as 15 PPM and will not saturate or be destroyed when detecting concentrations of hydrogen up to 100%.

Performance

Hydrogen Sensitivity Range:
 15ppm to 100% hydrogen by volume,
 No peripheral equipment needed
 Accuracy at 50% LFL (2% hydrogen by volume in air),
 20°C, and 1ATM: $\pm 0.26\%$ hydrogen
 Typical Response Time: less than 30sec
 Ingress Protection: IP64 capable
 Power-On Self-Diagnostic: 5minutes
 Field Verification/Calibration Period: 1year
 Product Life Expectancy: 10years

Lithium Ion Battery Performance

Operating Time: 10hours
 Charge Time: 4hours maximum with included charger

Certification: 

Operating Conditions

Operating Temperature Range: 0°C to 45°C
 Storage Temperature Range: -20°C to 45°C
 Operating Humidity: 0% to 95% RH
 Calibration Background Gas: Air

Dimensions

Unit Weight: 2.15lbs, 975g
 Total Length: 6.8in.
 Total Width: 3.4in.
 Depth: 1.4in.
 Probe Length: 7.8in.
 Probe Tip Diameter: 0.5in.
 Probe Handle Diameter: 1.2in.
 Coiled Cord Length Retracted: 26in.
 Coiled Cord Length Extended: 72in.
 Coiled Cord Diameter: 0.7in.

