



**MADE  
in  
JAPAN**

## RESIDENTIAL HYDROGEN DETECTORS SAVE LIVES

### Features

- **Battery-powered energy saving design**  
Proprietary MEMS gas sensor technology
- **Early warning detection**
- **Self-diagnostics**  
Notification of abnormalities
- **Voice alerts**
- **Fast & easy installation**  
No wiring or AC power required
- **Maintenance free**



Model	HL-310
Certifications	CE marking
Sensor Type	MEMS Hot wire semiconductor
Target Gas	Hydrogen (H <sub>2</sub> )
Operating Temperature	0 to +50 °C
Operating Humidity	5 to 95% (no condensation)
Battery Type	3VDC Lithium battery x 2
Alarm Threshold	10% LEL*
Alarm Volume	80 dB/m
Battery Life	Approximately 5 years
Dimensions	W85 x H100 x D22 mm
Installation	Pipe mount with cable ties or wall mount with hardware.

\* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).

\* This product is under development and specifications may change.



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