

Selective gas leak detector for Hydrogen (H₂)

- Handheld gas leak detector for the selective detection of Hydrogen (H₂)
- Display of the calibrated gas concentration values from 0 ppm up to the Lower Explosive Limit (LEL) H₂
- Automatic measuring range change-over
- Automatic zero setting on air after switch on
- Customized calibration optional possible
- Acoustic signal depending on concentration (can be switched off)
- Various optional accessories available



Preliminary selected technical data

Sensor element	MOX gas sensor element (GGS 1000 + 6000 series)
Warm-up time	< 90 s
Response time (T₉₀)	< 2 s
Operating time	ca. 5 h with fully charged rechargeable batteries
Batteries	integrated rechargeable battery pack NiMH (Attention: charging only with plug-in-charger include in delivery)
Low battery indicator	green LED blinks, remaining operating time ca. 15 min
Power consumption	ca. 0,8 VA (eff.)
Dimensions (Length x Width x Height)	with/without flexible sensor extension ca. 175 mm x 44 mm x 36 mm/ca. 490 mm x 44 mm x 36 mm
Net weight	ca. 250 g (without plug-in-charger)
Allowable operating temperature	0 °C... +50 °C
Allowable storage and transportation temperature/ humidity	-25 °C... +60 °C / 20 %... 80 % relative humidity, non-condensing

Allowable operating and storage conditions	Any contamination of the gas sensor must be avoided. The application, transport and storage environment has to be free of any contamination, particularly protected against chemical substances, e.g. silicones. In particular directly contact with substances containing, silicones, sulphurous substances or non-desorbing inorganic components or contaminations (e.g. smoke, fumes, oils, greases or evaporating liquids) may cause damaging the sensor or to changes in the sensor resistance and/or in the sensor characteristics. Possible consequences are reduced sensitivity, display of misleading concentration values, or display of a background concentration.
Accessories (optional)	case
Conformity	2011/65/EU: Restriction of the use of Hazardous Substances Directive (RoHS)