

## Selective gas leak detector for Hydrogen (H<sub>2</sub>)

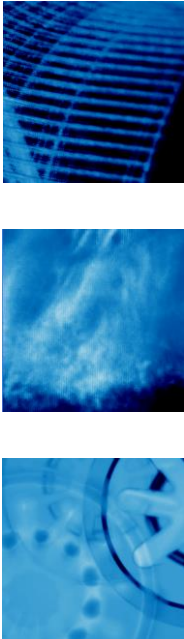
- Handheld gas leak detector for the selective detection of Hydrogen (H<sub>2</sub>)
- Microprocessor controlled device
- Display of the calibrated gas concentration values from 0 ppm up to the Lower Explosive Limit (LEL) H<sub>2</sub>
- Automatic measuring range change-over
- Automatic zero setting 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

<b>Sensor element</b>	MOX gas sensor element (GG5 1000 + 6000 series)
<b>Warm-up time</b>	< 90 s
<b>Response time (T<sub>90</sub>)</b>	< 2 s
<b>Operating time</b>	ca. 5 h with fully charged rechargeable batteries
<b>Batteries</b>	integrated rechargeable battery pack NiMH (Attention: charging only with plug-in-charger include in delivery)
<b>Low battery indicator</b>	green LED blinks, remaining operating time ca. 15 min
<b>Power consumption</b>	ca. 0,8 VA (eff.)
<b>Dimensions (Length x Width x Height)</b>	with/without flexible sensor extension ca. 175 mm x 44 mm x 36 mm/ca. 490 mm x 44 mm x 36 mm
<b>Net weight</b>	ca. 250 g (without plug-in charger)
<b>Allowable operating temperature</b>	0 °C... +50 °C
<b>Allowable storage and transportation temperature/ humidity</b>	-25 °C... +60 °C / 20 %... 80 % relative humidity, non-condensing

<b>Allowable operating and storage conditions</b>	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.
<b>Accessories (optional)</b>	case
<b>Conformity</b>	2011/65/EU: Restriction of the use of Hazardous Substances Directive (RoHS)



UST Umweltsensortechnik GmbH is certified according to

