

500GD

Fast, selective and powerful



Multifunction detector and measuring device

- Detector with gas leakage sensor HC402 for H₂-concentrations up to 20.000 ppm
- Further exchangeable detectors available (combustible gases, refigriderants, temperature, humidity, dew point, flue gas spillage, CO and CO₂ in ambient air)
- Fast measurement results due to integrated suction feature (≤ 2 seconds)
- Search mode for quick leak detection
- Reliable zeroing, even with contaminated ambient air
- Display in ppm for precise location of gas leaks and determination of the gas concentration
- Sensor change during operation possible, automatic recognition by the device
- Adjustable alarm thresholds (only leak detection)
- Optical alarm on the display of the device (only leak detection)
- Acoustic and vibration alarm by the device (only leak detection)
- Clear graphic display (TFT)
- Strong Lithium-Ion battery, chargeable via Mini-USB socket
- Display of measurement results also as QR code (forwarding measuring results via e-mail)



500GD basic unit

Rel. humidity during operation, non-condensing	95 %
Display	45 mm (1.8") TFT
Interface (Charging/firmware updates)	Mini-USB
Built-in battery, operating time (depending on sensor)	Li-Ionen, typ. 20 h
Operating conditions	+5 ... +50 °C
Storage conditions	-20 ... +60 °C
Power supply/consumption	100 ... 240 V, 5 V DC, 500 mA
Protection class	IP30
Dimensions (W x H x D)	50 x 163 x 25 mm
Weight	appr. 220 g

Plug & Play Sensor

Leak detection gas	HC402
Calibration gases	CH ₄ , C ₃ H ₈ , H ₂
Measuring range CH ₄	0 ... 22.000 ppm
Measuring range C ₃ H ₈	0 ... 8.500 ppm
Measuring range H ₂	0 ... 20.000 ppm
Resolution	1 ppm
Response time	≤ 2s