

Selective gas leak detector for carbon dioxide (CO₂)

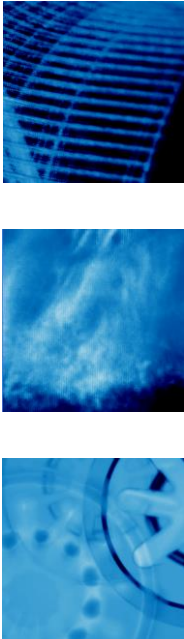
- Handheld gas leak detector with suction pump for the selective detection of carbon dioxide (CO₂)
- Patented photo-acoustic gas measurement method (Patent: DE 19957364 B4)
- Microprocessor controlled device
- Display range from 100 ppm up to 100 Vol% CO₂ (value, bar graph)
- Additional display of the thresholds from 0 Vol% up to 100 Vol% by LED
- “Set” key for resetting the indicated concentration
- Automatic zero setting and change of the measuring range
- Acoustic signal depending on concentration (can be switched off)
- Separate charger for recharging of built-in rechargeable batteries



Selected technical data

| | |
|--|---|
| Gas sensor | Photo-acoustic gas sensor |
| Time to operation readiness | < 60 s |
| Response time (T90) | < 3 s |
| Measurement tolerance | ca. 30 % |
| Dimensions (Length x Width x Height) | ca. 180mm x 50mm x 28mm (handset without flexible sensor extension) |
| Flexible sensor extension (Length) | ca. 320 mm |
| Net weight | ca. 410 g |
| Rechargeable batteries | 4 x 1,2 V, 1800 mAh, NiMH, Mignon AA (Attention: Charging only with plug-in-charger included in delivery) |
| Power consumption | ca. 0,85 VA |
| Operating time (with fully charged batteries) | ca. 6 h |

| | |
|---|---|
| Allowable operating temperature | -10 °C... +50 °C |
| Allowable storage and transportation temperature | -25 °C ... +50 °C |
| Allowable storage and transportation humidity | 20... 80 % r. H. |
| Allowable storage conditions | Storage environment free of any contaminations, particularly protected against chemical substances, such as Silicone etc. |
| Accessories | Plug-in charger, user manual (included in delivery); transport case (option) |
| Conformity | 2011/65/EU: Restriction of the use of Hazardous Substances Directive (RoHS) |



UST Umweltsensortechnik GmbH
is certified according to



PEAKER® is a registered trademark of UST Umweltsensortechnik GmbH Dieselstr. 2, 98716 Geschwenda, Germany