

## Selective gas leak detector for carbon dioxide (CO<sub>2</sub>)

- Handheld gas leak detector with suction pump for the selective detection of carbon dioxide (CO<sub>2</sub>)
- Patented photo-acoustic gas measurement method (Patent: DE 19957364 B4)
- Microprocessor controlled device
- Display range from 100 ppm up to 100 Vol% CO<sub>2</sub> (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

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

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

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