Infrared CO₂ detector

■■ Measurement by Infra Red Cell

C 1100

- Ergonomic and Optimised Weight
- ■■ User Friendly Display
- ■■ Long Service Life
- Easy to use





Naturally present in low quantities in the atmosphere, Carbon Dioxide remains a genuine potential risk for the confined, industrial and tertiary environments. People are particularly confronted with it in sewers, tunnels, abattoirs, food-processing industries, greenhouses, wine-making or maturing cellars etc...

Light, ergonomic, high performance and with a long life battery, the C 1100 pocket gas detectors allows people to workfreely and move about without any risk..

Technical features which meet all applications

A high technology

The C 1100 is equipped of an infra-red cell which provides reliable, accurate and stable CO₂ measurement.

Optimised size and weight

- Small & compact
- Light

User friendly display

- Large LCD display
- Simultaneous and continuous display of two CO₂ measurements :
- current concentration
- 8h TWA value average
- · Battery & sensor status indication

Adapted features

- A single push-button to activate and access main menu
- 12h battery life
- Automatic self-diagnostic

Controlled environment

- Simultaneous display of the current concentration and the TWA value
- Recording of the data
- Data transfer to a PC for working with the sample and to calibrate the detector

Safety alarm

- 80 db audible alarm
- Visual alarm on a 5 step LED bar graph (green, yellow and red) displaying the hazard level

Accessories

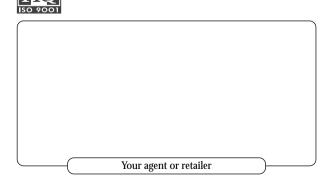
- Communication cable
- Battery charger: car (12v) and alternative (in 230 VAC-out 12VCC),
- Replacement battery
- Extra protection casing

Technical characteristics

Function:	• CO ₂ detector	
Type:	• C 1100	
Measurement Range:	• 0-3 % vol 3-10 % vol.	
Type of cell:	• Infra-red	
Response Time :	• 15 sec (at 0.2 litre/min)	
Accuracy:	• ± 3 % of reading or ± 0.02 % vol	
Display:	Numerical LCD	
	 Simultaneous display of CO₂ measurement: current concentration in % vol. 8 h TWA value in % vol. 	
	Battery status indication, sensor status indication	
Alarms:	Audible : 80 dB buzzer	
	• Visual: 5 step bar graph LEDs (green-yellow-red) each step in the lighting up of LEDs indicates the hazard level	
Self-diagnostics:	• Sensor	
	• Autonomy	
	• Electronics	

Power supply:	• Li-ion accumulator (3.6 VDC / 1350 mAh)
Battery charger :	• 6 VDC/700 mAh
Battery life :	• 12 hours
Operating temperature range :	• 0° to +50° C
Storage temperature range :	• -20° to +70° C
Service life :	• 15 years
Dimensions:	• 125 x 52 x 32 mm
Weight:	• 135 g
Digital interface :	• USB cable, UART-RS232
UIP-P software :	Transfer and save data
	Configuration of alarms and LED
	User preferences
	Sensor calibration

C 1100



	Group

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