

Infrared CO₂ detector

■ ■ ■ *Measurement by Infra Red Cell*

■ ■ ■ *Ergonomic and Optimised Weight*

■ ■ ■ *User Friendly Display*

■ ■ ■ *Long Service Life*

■ ■ ■ *Easy to use*

C 1100



CE

OLDHAM
Group

Gas detection / stack gas monitoring

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 work freely 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 CO ₂ measurement : - current concentration in % vol. - 8 h TWA value in % vol.
Alarms :	• Battery status indication, sensor status indication • 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



Plant and head office : Z.I. Est - rue Orfila
B.P. 417 - 62 027 ARRAS Cedex FRANCE
Tel. : 33 3 21 60 80 80 Fax : 33 3 21 60 80 00
Web site: <http://www.oldhamgas.com>

Your agent or retailer

Winter- Oldham group
German plant
☎ (49) 231 924 10
☎ (49) 231 924 125
info@winter-gmbh.com

OLDHAM
Belgium
☎ (33) 03 21 60 81 20
☎ (33) 03 21 60 81 02
oldham.belgium@oldham.fr

OLDHAM
Italia
☎ 011-3801371
☎ 011-3806613
info@oldham.it

OLDHAM
Česká Republica
☎ 420 234 622 222/3
☎ 420 234 622 220
oldham@oldham.cz

OLDHAM
Romania
☎ / ☎
(40) 21 312 37 56
oldham@fx.ro

OLDHAM
Switzerland
☎ (41) 26 652 51 18
☎ (41) 26 652 51 19
info@oldham.ch

OLDHAM
United Kingdom
☎ (44) 0 1782 562002
☎ (44) 0 1782 564414
sales@oldham.biz