

Crowcon Cellarsafe Datasheet – Pub Cellar Monitoring

From fermentation through to distribution, Carbon Dioxide is one of the most common hazards to health in breweries, cellars and drinks outlets. It is also the fourth most abundant gas in the atmosphere.

Simple to Use

1. Clear back-lit display for gas readings
2. Bright LEDs and loud, distinctive alarms
3. Single button operation
4. Plug-in repeater units with cable
5. No specialist cabling required

Secure and Robust

1. IP65 protection against dust and water
2. Tough polycarbonate case
3. Wide operating temperature
4. Battery-back-up for mains failure (optional)
5. Dual-band infra-red sensor for carbon dioxide

Protect Yourself

1. Continuous monitoring for CO₂ in cellars and other spaces
2. Optional oxygen sensors for asphyxiation hazards due to nitrogen cylinder leaks
3. Automatically turn on ventilation fans
4. Factory set alarm levels: CO₂ – low: 1.5%, high: 3.0% O₂ – low: 19.5%, high: 18.0%



CellarSafe Instrument Specification

Dimensions:	210 x 150 x 75mm	Instrument Status Indicators	2 gas level alarm LEDs, red 1 fault LED, yellow 1 power LED, green 1 sounder (>82dB @ 10cm)
Weight:	1.3kg	Cable Length	2 meters
Operating Voltage:	230V	Fixing Centres	4 @ 192mm x 72.5mm
Operating Temp:	+3°C to +50°C	Humidity	0-99% RH non-condensing
Warm Up Time:	40 seconds	Relay Outputs	SPCO 10A (240Vac/30Vdc)
IP Rating	IP65	Approvals	EN50270
Display	Backlit LCD	Repeater Unit Dimensions	143 x 56 x 41mm

The Repeater Unit is for mounting outside the Cellar to alert personnel to the presence of a hazardous situation in the Cellar. The Repeater Unit comes with a 9m cable, and has the following status indications: 1 High Alarm LED (red), 1 Low Alarm LED (red), 1 Fault Alarm LED (yellow), 1 Power LED (green).