



CO₂ ANALYSER | SPECIALIST CONTROLLED ATMOSPHERE MONITORING

CO₂ analyser designed to monitor CO₂ for multiple applications, including Brewing industry. This unit has been developed to incorporate the latest technology and specification requirements, that provide the user with a fast, simple to use analyser.

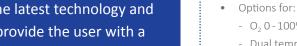


SECTOR

CO₂ monitoring

APPLICATIONS

- Food Processing
- Research
- Brewing
- Medical



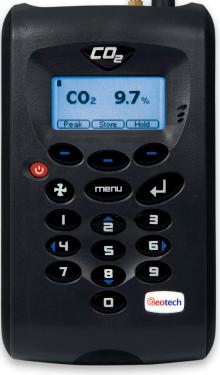
CO₂ 0 - 100%

FEATURES

- O₂ 0 100%
- Dual temperature probes 0 to 50°C
- Data storage and download
- Humidity Sensor 0 100%

BENEFITS

- Accurate CO, readings
- Quick verification of CO₂ levels
- Time saving with dual temperature probes
- Large data storage and user friendly software and download
- Easy to read large well lit display
- Built in gas moisture removal











Via Torino, 30 - 20063 Cernusco sul Naviglio (MI) Tel. (+39) 02.48.46.40.64 - Fax. (+39) 02.48.46.40.09

TECHNICAL SPECIFICATIONS

Mail: commerciale@slt.eu.com

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POWER SUPPLY			
Battery type	Li lon		
Battery life	12 hours (10 hours with pump)		
Battery lifetime	600 cycles		
Battery charger	5Vdc external power supply and internal charging circuit		
Charge time	4 hours		
Alternative power	5Vdc power supply		
GAS RANGES			
Gases measured	CO ₂	By custom dual wavelength infra-red cell with reference channel	
	O ₂ (optional)	By internal electrochemical cell	
Oxygen cell lifetime	Approximately 3 years in a		
Oxygen cen medine	CO ₂ 0 - 100%		
Range		0 - 100%	
	02		
Typical accuracy*	CO ₂	± 1% of range after calibration	
	02	± 1% of range after calibration	
Response time, T ⁹⁰	CO ₂	≤ 20 seconds	
	02	≤ 60 seconds	
*Typical accuracies	All typical accuracies quote	ed are after calibration plus accuracy of calibration gas used.	
FACILITIES			
Temperature (optional)	x2 using optional probes, range 0°C to +50°C		
Temperature accuracy	± 0.2°C		
Barometric pressure	800- 1200 mbar		
RH measurement (optional)	RH Probe 0 - 100% RH non condensing		
RH accuracy	± 1.5% RH across the range		
Visual and audible alarms	User selectable CO ₂ and O ₂ alarm levels		
Communications	USB type B mini-connector, HID device class		
Data storage	1000 reading sets + 270 events		
PUMP			
Flow	100cc / min typically		
ENVIRONMENTAL CONDITION)NS		
Operating temperature	0°C to 50°C		
Relative humidity	0 - 95% non condensing		
Barometric pressure	± 500 mbar from calibration pressure		
IP rating	IP40		
PHYSICAL			
Weight	495 grams		
Size	L: 165mm, W: 100mm, D: 55mm		
Case material	ABS / Polypropylene with Silicone Rubber inserts		
Keys	17 Resin capped silicone rubber keys		
Display	Liquid crystal display, 128 x 64 pixels		
	With RGB LED back-light		
Gas sample filters	Built-in gas dryer tube to remove moisture		
	User replaceable PTFE water trap filter		
CERTIFICATION	Oser replaceable PTFE Wat	.er тар шег	
EN 50270 : 2006		Electromagnetic compatibility- Electrical apparatus for the detection and measurement	
	of combustible gases, toxic		
EN 61010-1 : 2010		Safety requirements for electrical equipment for measurement, control, and laboratory use. Part 1: General requirements	

© Product designs and specifications are subject to change without notice. User is responsible for determining suitability of product.



