

CD 98

Economic, handheld infra-red CO₂ analyser



- Compact and lightweight – weighs only 230g
- Measuring ranges: –
0 – 10,000 ppm CO₂
0 – 60% CO₂
- Maintenance free dual wavelength infra-red cell
- Automatic compensation for changes in elevation and barometric pressure
- Diffusion or pumped models available
- 9 hours use on one charge
- Can be recharged in approximately 2 hours
- Data storage and logging facilities
- IrDA communications link for data downloading
- Backlight
- Audible tone indicating CO₂ level (0–60% version)

CD 98 is ideal for monitoring gas concentrations wherever CO₂ is used or stored

Applications include -

- ***Leak detection from bulk CO₂ systems***
- ***Indoor Air Quality surveys and HVAC verification***
- ***Fermenting processes in brewing and distilling***
- ***Locating illegal immigrants***
- ***CO₂ incubator calibration***
- ***Ullage, work and living space monitoring on seagoing, commercial and military vessels***
- ***Food cultivation, processing, packaging and transportation***
- ***Horticulture and Poultry Farms***

CD 98 is a low cost, handheld analyser using a miniaturised dual wavelength infra-red cell to monitor CO₂ concentrations in ppm or percent concentration ranges. Diffusion or positive displacement pump versions are available (see below for details). The user can manually store up to 100 "snapshot" readings as required. **CD 98** can also store up to 850 readings automatically - logging intervals being set via optional PM-COM software. Data download and calibration functions are also performed by using PM-COM software.

Other standard features -

- **Up to 9 hours use from a single charge**
- **Fast charging in less than 2 hours**
- **Battery level indicator**
- **Automatic compensation for barometric pressure, elevation and temperature**
- **Backlight**
- **Low volume infra-red cell, < 2ccs**
- **User calibration facility**
- **IrDA communications link**

CD 98

Supplied complete with battery charger, operating manual and inlet port filter.

CDA 1.1 Anagas CD 98 Diffusion version
Range 0-10.000 ppm
Resolution 10ppm

CDA 1.1 P Anagas CD 98 Pump version
Supplied with internal positive displacement pump
Range 0-10.000 ppm
Resolution: 10ppm

CDA 1.2 Anagas CD 98 Diffusion version
Range 0-60% Resolution 0.1%

CDA 1.2P Anagas CD 98 Pump version
Supplied with internal positive displacement pump
Range 0-60% Resolution 0.1%

Specification

Dimensions: 140mm x 65mm x 20mm

Weight 230g:

Response T90 <40 seconds,
(0-10.000 ppm range)
T90 <60 seconds.
(0-60% range)

Operating Temperature: + 5°C to + 40°C

Pressure Compensation: 1,000 ± 256 mbar

Units can be supplied with 220-240v AC or 110v AC chargers. Please specify type at time of ordering

Accessories

CDA 2.1 Protective rubber boot

CDA 2.2 Hard carrying case

CDA 2.3 Earpiece kit

CDA 2.4 In-car charging cable (12v DC only)

CDA 2.5 IrDA computer interface and cable

CDA 2.6 PM-COM Software

CDA 2.7 2m sample tube with connector (pump version)

CDA 2.8 Readout stand and mounting clip

CDA 2.9 Hand aspirator and connection tube
(diffusion version)

CDA 2.10 Pack of 5 spare inlet port filters

PM-COM software features -

- **Data Download**
- **Calibration (0-60% model only)**
- **Graphing and tabulation of data**



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