

## Product Datasheet - Technical Specifications



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## SEFRAM9825 Datalogger, Carbon Dioxide (CO<sub>2</sub>) Meter (NDIR)

### ■ Features :

- CO<sub>2</sub>, humidity and temperature sensors
- Dual wavelength NDIR CO<sub>2</sub> sensor (Non-Dispersive Infrared) for superior stability
- User operated CO<sub>2</sub> calibration
- Data Hold & Max/Min/STEL/TWA function
- Adjustable auto power off timer
- Internal CO<sub>2</sub> alarm buzzer
- Datalogging up to 32,000 sets
- USB interface, PC software included
- Backlight display function



### Generales Specifications

Measurement Range	
CO <sub>2</sub>	0 to 30000 ppm (5000~30000 ppm over range)
Temperature	-20 to 60°C(-4°F to 140°F)
Humidity	0 to 100%RH
Accuracy	
CO <sub>2</sub>	1 ppm
Temperature	0,1°C / 0,1°F
Humidity	0,1% RH
Précision	
CO <sub>2</sub>	±( 75 ppm + 3% of reading) (0-5000 ppm)
Temperature	±0.8°C
Humidity	± 3%RH
<b>Response Time</b>	20 seconds
<b>Power Source</b>	9V alkaline battery or Micro USB
<b>Operating Condition</b>	0°C to 50°C (< 90%RH)
<b>Storage Condition</b>	-20°C to 60°C (< 75%RH)
<b>Battery life</b>	Approximately 10 hours normal use (alkaline battery)
<b>Dimensions</b>	284,5 x 65 x 38,5 mm
<b>Weight</b>	304 g

**Supply with :** Battery, Instruction manual downloadable on our website, micro USB cable, Windows software, Carrying case.