

## G1910-02 / G1910-20 Compact CO<sub>2</sub> monitor

With integrated sensor and alarm



- Made in Germany
- wide measuring range:  
up to 19999 ppm / 2 % CO<sub>2</sub> (variant -20)
- rechargeable battery via Micro USB port: 24 hours of operation
- loud 2-level alarm, acoustical or visual
- backlit display
- with metal clip and carrying strap
- with calibration connection

### Features

Compact CO<sub>2</sub> monitor with alarm for many applications in air quality monitoring, green houses, energy management and for research and education.

The CO<sub>2</sub> is measured with a high-class non-dispersive infrared (NDIR) sensor via opening at instruments head.

Simultaneous display of time weighted average exposure over 8 hours (TWA) or 15 minutes (STEL).

#### CO<sub>2</sub> – Dangerous at concentration > 3%

The G 1910 is an ideal measuring warning instrument for moderate but non-dangerous levels – it is no replacement for personal safety equipment to be used in areas with potentially dangerous atmosphere.

#### ATTENTION:

Never enter potentially dangerous areas where CO<sub>2</sub> may exceed 3% or 30000 ppm CO<sub>2</sub> without additional personal safety equipment!

### Technical data

G1910-02		
Range	0..2000 ppm	(extended up to 10000 ppm / 1.000 %)
Precision	±70 ppm CO <sub>2</sub> ±3% of reading)	
G 1920-20		
Range	0..19999 ppm	0.000..2.000 %
Precision	±200 ppm CO <sub>2</sub> ±3% of reading	
Measuring cycle	2 seconds	
Display	3-lines segment-LCD, additional symbols, illuminated (white, lighting time adjustable)	
Additional functions	Min/max/hold, TWA or STEL-calculation (average over 24 hours or 15 mins), 2-level alarm (optical and acoustical)	
Reference	Adjustment at 400 ppm clean dry air or test gas	
Housing	Break-proof ABS-housing, IP30	
Dimensions	108 x 54 x 28 mm	
Weight	150 g inc. battery	
Housing equipment	Metal clip and carrying strap	
Working condition	0..50 °C; 0..85 % r.H.	
Storage temperature	-20..70 °C	
Power supply	2 x AA-rechargeable NiMH batteries (scope of delivery), Consumption ~ 50 mA, Operation time > 30 hours for NiMH batteries (without backlight). Recharging time ~ 8 hours	
Battery indicator	4 state battery status display Charge warning: "BAT"	
Charging port	Micro USB socket, incl. connection cable to USB 2.0 type A, for use with common USB chargers.	

### Accessories / Check

Type	Art. No.	Description
GZ-18	476698	Gas cylinder with 12 l test gas: 5000 ppm CO <sub>2</sub>
GZ-19	476699	MiniFlo regulating valve for 12 l gas cylinders for G 1910 incl. quickconnect adapter and closing screw
GKK1002	411907	Carrying case G1000 series 235 x 185 x 48 mm



Check with test gas

## Ordering code

G1910 <sup>1.</sup>  - <sup>2.</sup>

1.	Model
02	0..2000 (max. 10000) ppm CO <sub>2</sub> / 0,000..0,200 (max 1,000) % CO <sub>2</sub>
20	0..19999 ppm CO <sub>2</sub> / 0,000..2,000 % CO <sub>2</sub>