GREISINGER
○ Member of GHM GROUP

G1910-02 / G1910-20 Compact CO₂ monitor

With integrated sensor and alarm

- **Made in Germany**
- **wide measuring range:**
  up to 19999 ppm / 2 % CO₂ (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 CO₂ monitor with alarm for many applications in air quality monitoring, green houses, energy management and for research and education.

The CO₂ 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).

CO₂ – 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 CO₂ may exceed 3% or 30000 ppm CO₂ without additional personal safety equipment!

Technical data

G1910-02		
Range	0..2000 ppm	(extended up to 10000 ppm / 1.000 %)
Precision	±70 ppm CO₂ ±3% of reading)	
G 1920-20		
Range	0..19999 ppm 0.000..2.000 %	0.000..2.000 % (expanded to 3.200 %)
Precision	±200 ppm CO₂ ±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 CO₂
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

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Product information

GREISINGER
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Handheld

Ordering code

1.

G1910 [ ]

1.	Model	
	02	0..2000 (max. 10000) ppm CO_2 / 0.000..0.200 (max 1.000) % CO_2
	20	0..19999 ppm CO_2 / 0.000..2,000 % CO_2