COMPACT CO_2 MONITOR WITH INTEGRATED SENSOR AND ALARM

ALARM
AUTOOFF
HOLD
MIN MAX

NEW!

Sensor on the front

USB connection

HIGHLIGHTS:

○ Made in Germany

○ Wide measuring range: up to 19,999 ppm / 2 % CO_2 (variant -20)

○ Rechargeable via micro-USB socket: 24 hours battery life

○ Quick measurement

○ Loud 2-stage alarm acoustically and optically

○ Illuminated display

○ With metal belt clip and carrying strap

○ With calibration connection

G 1910-02
Item No. 476043
Compact CO_2 monitor with integrated sensor and alarm
0 ... 2000 (max 10000) ppm CO_2 / 0.000 ... 0.200 (max 1.000) % CO_2

G 1910-20
Item No. 476044
Compact CO_2 monitor with integrated sensor and alarm
0 ... 19999 ppm CO_2 / 0.000 ... 2.000 % CO_2

G1910-02-AQ-B
Item No. 482018
Compact CO_2 Monitor with integrated sensor and alarm
0 ... 2000 (max 10000) ppm CO_2 , "Ready to run" for
air hygiene monitoring in continuous operation, incl. Table stand / wall bracket
Alerting: ventilation warning 1000 ppm, alarm 2000 ppm

GENERAL:

The measurement is made with a high-quality optical NDIR measurement method on the air openings on the top of the device. Simultaneous display of the time-weighted average over 8 hours (TWA) or 15 minutes (STEL).
CO_2 – dangerous at concentrations > 3 %
The G 1910 is the ideal measuring and warning device for moderate but harmless concentrations – but does not replace personal protective equipment for use in potentially dangerous atmospheres.

APPLICATION:

Compact CO_2 monitor with alarm for many applications in the air quality monitoring, greenhouses, energy management and for research and teaching.

TECHNICAL SPECIFICATIONS:

G 1910-02	
Measuring range:	0..2000 ppm (extended to 10,000 ppm / 1,000 %)
Accuracy:	± 70 ppm CO_2 ± 3 % of the measured value

G 1910-20	
Measuring range:	0..19999 ppm; 0.000..2.000 % 0.000..2.000 % (expanded to 3,200 %)
Accuracy:	± 200 ppm CO_2 ± 3 % of the measured value
Measuring cycle:	2 s
Display:	3-line segment LCD, additional symbols, backlit (white, light duration adjustable)
Additional functions:	Min / max / hold, TWA or STEL calculation, (mean values over 8 h or 15 min) 2-stage alarm (optical & acoustic)
Reference:	Adjustment at 400 ppm cleaner dry air or test gas
Working conditions:	0..50 °C; 0..85 % RH
Storage temperature:	-20 ..+70 °C

Power supply:	2 x AA rechargeable NiMH batteries (included in supply), consumption ~ 50 mA Operation time > 24 h with NiMH batteries (without backlight), charging time ~ 8 h
Battery indicator:	4 level battery status indicator Charge warning: "BAT"
Charging port:	Micro-USB socket, including adapter cable on USB 2.0 Type A, for use with commercially available USB chargers.
Equipment:	Metal belt clip on the back and neck strap
Protection class:	IP30
Housing:	break-proof ABS housing
Dimensions:	108 x 54 x 28 mm (H x W x D)
Weight:	150 g including battery
Scope of delivery:	Device including sensor, 2 x AA batteries, USB charging cable, operating instructions, test report

ACCESSORIES OR SPARE PARTS:

GKK1002
Item No. 411907
Case for G1000 series water analysis small, 235 x 185 x 48 mm (W x H x D)

GZ-19
Item No. 476699
Calibration set for G 1910 MiniFlo for 12 l gas bottles, Quickconnect adapter 4 mm, screw plug, gas screen

GZ-18
Item No. 476698
Gas bottle with 12 l test gas: 5000 ppm CO_2

GZ-12
Item No. 479183
Gas cylinder with 12 l test gas: N_2 for CO and CO_2-Calibration at 0 ppm

Calibration on test gas

GZ-20
Item No. 479767
Gas connection for G 1910: quickconnect adapter 6 mm, replacement screw plug, gas screen

DANGER:
NEVER ENTER POTENTIALLY DANGEROUS AREAS WHERE CO_2 MAY EXCEED 3 % OR 30000 PPM CO_2 WITHOUT ADDITIONAL PERSONAL SAFETY EQUIPMENT!