



## CO2 probe, Type: CO2



### Order data

Order number	474157 CO2
GTIN	4029547019074
Item class	47B

### Description

**Version:**

Probe for testo multi-function measuring device (please order separately) to measure CO2 concentration, atmospheric humidity and air temperature. At the same time wet-bulb temperature, dewpoint and absolute humidity are calculated.

**Function:**

IP54: Protected against splashed water from all directions and protected against penetration of dust into the inside (protected against dust), also completely protected against touching.

**Suitable for:**

No. 474141 size 440.

**Supplied with:**

CO2 probe with Bluetooth incl. temperature, humidity and absolute pressure sensor (consisting of CO2 probe head and Bluetooth handle); 4x Mignon batteries type AA, table stand and calibration certificate.

**Note:**

Please do not use the probe in a condensing atmosphere.

### Technical description

Temperature measurement range	0 - 50 °C
Relative humidity measurement range	5 - 95 %
Width	50 mm
Length	295 mm
Measuring range	0 - 10000 ppm
Weight	195 g
Operating temperature	-5 - 50 °C
IP Index of Protection	IP 54
Error limit	$\pm(100 \text{ ppm} + 5\% \text{ of the measured value})$ (5001 to 10000 ppm)
Error limit	$\pm(50 \text{ ppm} + 3\% \text{ of the measured value})$ (0 to 5000 ppm)
Height	40 mm
Probe length	130 mm
Probe $\varnothing$	30 mm
Storage temperature	-20 to +60 °C °C
Radio range	20 m
Battery life	21.5 h
Resolution	1 ppm
Interface	Bluetooth interface
Interface	USB interface
Resolution humidity	0.1 %
Error limit temperature	$\pm 0.5 \text{ °C}$
Error limit relative humidity	$\pm 3\% \text{ rH}$ (10 to 35% rH)
Error limit relative humidity	$\pm 0.06\% \text{ rH/K}$ (0 to + 50 °C)
Error limit relative humidity	$\pm 3\% \text{ rH}$ (65 to 90% rH)
Error limit relative humidity	$\pm 2\% \text{ rH}$ (35 to 65% rH)
Error limit relative humidity	$\pm 3\% \text{ rH}$ (remaining measuring range)
Resolution temperature (0 – 50 °C)	0.1 °C
Calibration	Price on request

Measuring range pressure	700 - 1100 hPa
Error limit, absolute pressure	$\pm 2$ hPa
Resolution, absolute pressure	0.1 hPa
Type of product	CO2 probe