

Wöhler KM 410 Indoor Air Quality Meter



HIGH
ACCURACY

DATA
LOGGER
CO₂, CO, HUMIDITY,
TEMPERATURE

APPLICATION

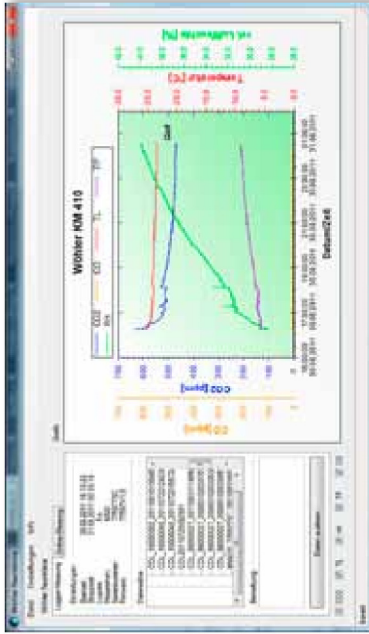
The Wöhler KM 410 Indoor Air Quality Meter is the perfect instrument for verifying HVAC system performance and air ventilation control.

It measures:

- CO₂ content
- Air temperature
- Air humidity
- CO-content
- Dew point
- Wet bulb temperature

ADVANTAGES

- Big LC display with blue backlight to use in dark area
- Acoustical and visual alarm function
- Max/Min-values
- Hold function freezes current readings
- Mini USB output to PC for analysis
- Data logger



TECHNICAL DATA

CO₂-Measurement (NDIR-Sensor)	
Range	0 – 5,000 ppm
Resolution	1 ppm
Accuracy	± 50 ppm ± 5 %
Measuring principle	NDIR
Response time	< 20 sec
CO-Measurement	
Range	0 – 1,000 ppm
Resolution	1 ppm
Accuracy	± 10 ppm or less than 100 ppm
Accuracy	± 10 % between 101-500 ppm
Response time	± 20 % more than 9/1 ppm
Accuracy	< 80 sec
Temperature	
Range	-20.0 °C – +60.0 °C (-5 – 149 °F)
Resolution	0.1 °C (0.1 °F)
Accuracy	± 0.5 °C (± 0.9 °F)
Relative air humidity	
Range	0.1 – 99.9 % r.H.
Resolution	0.1 % r.H.
Accuracy	± 5 % at 10 to 90 % r.H. and 25 °C ± 5 % r.H. at other readings ... and 25 °C
Response time	
Working temp.	< 10 sec
Storage temp.	0 °C – +60 °C 20 °C – +60 °C 10-99 % r.H.
Current supply	
4 AA-batteries or rechargeable via a 9 V-DC-adaptor (not included in delivery)	
PC	
USB-Interface	
Memory	
6,000 no. list of measured readings CO ₂ , temp, r.H., CO	
Logrates	
1 s, 4 s, 6 s, 30 s	
Size	
255 x 70 x 58 mm	
Weight	
200 g	

Wöhler TA 420 Thermoanemometer

APPLICATION

- Measurement: of airspeed, flow and temperature

ADVANTAGES

- 2 simultaneous values
- Telescopic probe
- Auto-off function

TECHNICAL DATA

Flow velocity	
Range	0.2 – 20.0 m/s 0.7 – 72.0 km/h
Resolution	0.1 m/s
Accuracy	0.1 km/h ± 5 %
Flow rate	
Range	0 – 36,000 m ³ /min
Resolution	0.001 – 1 m ³ /min
Accuracy	0.00 – 30.0 m ³
Air temperature	
Range	0 – 50 °C 32 °F – 122 °F
Resolution	0.1 °C
Accuracy	0.1 °F ± 0.8 °C ± 1.5 °F
Size	
203 x 76 x 38 mm	
Weight	
515 g	
Current supply	
4 x AA batteries	



Wöhler TA 420 Thermoanemometer

Scope of delivery:

Wöhler TA 420 with telescopic probe

4 batteries 1,5 V type AA

plastic case

Part no. 4805 I

Accessories

Air Flow Funnel

for Wöhler A 600 / TA 420

Funnel K120

range 50-1,200 m³/h, size 450 x 450 x 600 mm

Funnel K35

range 10-400 m³/h, size 200 x 200 x 330 mm

Funnel K 75

range 30-750 m³/h, size 300 x 300 x 370 mm

Funnel K 150

range 50-2,000 m³/h, size 550 x 100 x 600 mm

Wöhler IR Hygrotemp 24

with batteries and plastic case



Wöhler KM 410 IAQ Instrument

Scope of delivery:

Wöhler KM 410 instrument,

4 AA-Batteries

USB-Data Cable

PC-Software

Manual and plastic case

Part no. 4280 I