KIMO INSTRUMENTS

Technical Data Sheet

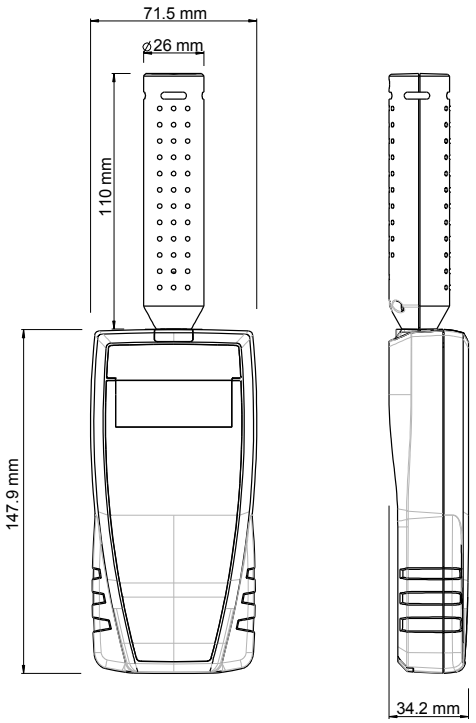
Pressure / Temperature / Humidity / Air Velocity / Airflow / Sound level

CO detector
CO 50

KEY POINTS

- Easy to use
- HOLD function
- Built-in probe
- Auto shut-off : 20 minutes

FEATURES OF THE HOUSING



Material : ABS

Protection : IP54

Display : 1 line
LCD 1 x 5 digits
Size : 50 x 20 mm

Height of digits :
Values : 9.2 mm
Units : 4.7 mm

Weight : 200 g (with batteries)



TECHNICAL FEATURES

Parameter	Temperature	CO
Measuring units	°C, °F	ppm
Measuring Range	From -20 to +80 °C	From 0 to 500 ppm
Accuracy*	±0.4% of reading ±0.3°C	From 0 to 100 ppm : ±3 ppm From100 to 500 ppm : ±3% of reading
Resolution	0.1 °C	0.1 ppm
Response time	T63 = 5 s	T63 = 35 s
Measuring elements	NTC	Electrochemical sensor
Operating temperature	From 0 to +50 °C	
Storage temperature	From -20 to +80 °C	
Power supply	4 batteries AAA LR03 1.5 V	
Battery life	200 hours	
Conformity	Directives CEM 2004/108/CE and NF EN 61010-1	

*All the accuracies indicated in this technical datasheet were stated in laboratory conditions, and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation

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SUPPLIED WITH

Instruments are supplied with an adjustment certificate and a soft case.



ACCESSORIES

- Adjustment certificate
- Soft case
- Magnetic protective housing





MAINTENANCE

We carry out calibration, adjustment and maintenance of your instruments to guarantee a constant level of quality of your measurements.
As part of Quality Assurance Standards, we recommend you to carry out a yearly checking.

GUARANTEE

Instruments have 1-year guarantee for any manufacturing defect (return to our After-Sales Service required for appraisal).

USE OF THE INSTRUMENT

To measure CO

- Switch on the instrument by pressing briefly on « **On/Off/Hold** ».
  The instrument displays its name « CO50 » then a 5 second countdown. This count corresponds to the preheating time of the sensor ; At the end of the countdown, the measured value of CO is displayed.
- Press briefly on « **Select** » to move from CO measurement to temperature measurement.

Hold the measurement

During measurement

- Press briefly on « **On/Off/Hold** » to hold measurement.
  « Hold » appears on the screen and CO and temperature measurements are fixed.
- Press briefly on « **Select** » to move from one parameter to the other.
- Press again briefly on « **On/Off/Hold** » to exit the Hold function.

Change the temperature unit

The instrument is on

- Pressing longer on « **Select** » to change the temperature unit.
- Press briefly on « **Select** » to select the unit : °C or °F.
- Pressing longer on « **Select** » to confirm the unit and return to the normal measuring mode.



How to change batteries

- Remove the front part at the back of the instrument.
- Replace used batteries by new batteries AAA LR03 1.5 V.
- Replace the front.

Auto shut-off : the instrument switches off if not used during 20 minutes.

Once returned to KIMO, required waste collection will be assured in the respect of the environment in accordance to 2002/96/CE guidelines relating to WEEE.

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