



CO detector CO 100

KEY POINTS

- Easy to use
- Large backlight display
- Indication of CO in ppm and temperature in °C
- Displaying of COmax
- Two adjustable alarm thresholds

TECHNICAL FEATURES

Display	4 lines, LCD technology. Dim. 50 x 34,9 mm.
Housing	Shock-proof made in ABS, IP54 protection
Keypad	Metal-coated with 5 keys
Conformity	Electromagnetical compatibility (NF EN 61326-1 guideline)
Power supply	1 alkaline battery 9V 6LR61
Environment	Neutral gas
Working temperature	From 0 to +50 °C
Storage temperature	From -20 to +80 °C
Auto-extinction	Adjustable from 0 to 120 mn
Weight	200 g
Languages	French, English

SPECIFICATIONS

Measurement units	Measurement range	Accuracy ¹	Resolutions
CO			
ppm	From 0 to 100 ppm	±3 ppm	0,1 ppm
	From 100 to 500 ppm	±3 % of reading	
Ambient temperature			
°C, °F	From - 20 to +80 °C	±0.3% of reading ±0,25°C	0,1°C

¹All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with required compensation.

^{*}except class 100S



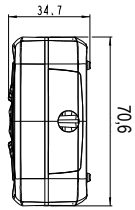
FUNCTIONS

- CO detection
- Displaying of ambient temperature
- Two adjustable alarm thresholds
- COmax display
- Digital display

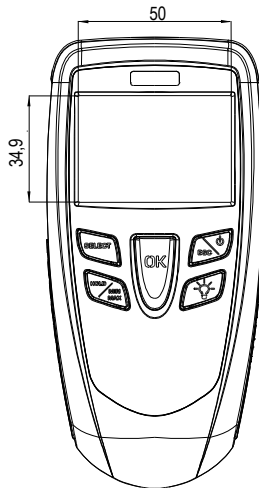


DIMENSIONS in mm

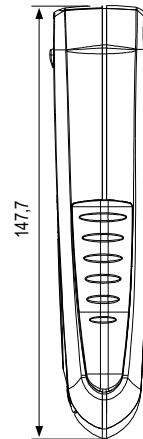
• Top view



• Front view



• Side view





WARANTY PERIOD

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

SUPPLIED WITH

DESCRIPTION	CO 100	CO 100 S	
Calibration certificate	●	○	● Supplied with
Carrying case	●	○	○ Optional
Adjusting certificate	○	●	
Transport case	○	●	

ACCESSORIES

CE 100	RTS
Protective cover with magnet and holding system 	Telescopic extension Length : 1m with index at 90° 

WORKING PRINCIPLE

When CO goes through an alectrolyte solution, it intercedes in the reactions of electrolyse and produces an increase of the quantity of produced electrons. The source electrons of a current which is around microampere are directly proportional to CO concentration.

Electrochemical sensor

