



SNOOPER mini

Device data

Dimensions (W x D x H)	50 × 30 × 305 mm (SNOOPER mini, SNOOPER mini H2) 50 × 30 × 150 mm + 224 mm length of hand sensor (SNOOPER mini H)
Weight	approx. 130 g (SNOOPER mini, SNOOPER mini H2) approx. 320 g (SNOOPER mini H)
Material	polycarbonate
Product variants	SNOOPER mini methane, SNOOPER mini propane SNOOPER mini H2 SNOOPER mini H methane

Certificates

Certificate	CE
-------------	----

Features

Display	LCD, segmented
Buzzer	Frequency 2.4 kHz, volume 75 dB (A) / 1m
Operation	Membrane keypad with two keys
Sensor	Gas-sensitive semiconductor

Operating conditions

Operating temperature	-10 °C – 60 °C
Storage temperature	-25 °C – 70 °C
Humidity	15 – 90 % r.h. (non-condensing)
Atmospheric pressure	950 – 1,100 hPa
Protection rating	IP54
Non-permitted operating environments	in potentially explosive areas

Power supply

Power supply	2 NiMh rechargeable batteries (minimum 1600 mAh each) or 2 AA alkaline batteries
Operating time, minimum	8 h at 20 °C
Operating voltage	2 – 3 V DC

Gas types

Standard	Methane (SNOOPER mini, SNOOPER mini H) Propane (SNOOPER mini) Hydrogen (SNOOPER mini H2)
----------	--

Sensor, methane

Measuring range	0 – 22,000 ppm	
Resolution	0 – 100 ppm	5 ppm
	> 100 – 2,000 ppm	50 ppm
	> 2,000 – 22,000 ppm (0.2 – 2.2 % vol.) 0.2 % vol.	
Response time	1 % vol. CH4: t60 < 9 s tR < 1 s tR ...Time until device's first response following delivery of gas	
Warm-up time	20 s	
Measuring error	30 %	
Interference	All flammable gases, water vapour	
Lifetime, expected	5 years	

Sensor, propane

Measuring range	0 – 22,000 ppm	
Resolution	0 – 100 ppm	5 ppm
	> 100 – 2,000 ppm	50 ppm
	> 2,000 – 22,000 ppm (0.2 – 2.2 % vol.)	0.2 % vol.
Response time	1 % vol. C3H8: t60 < 12 s tR < 1 s tR ... Time until device's first response following delivery of gas	
Warm-up time	20 s	
Measuring error	30 %	
Interference	All flammable gases, water vapour	
Lifetime, expected	5 years	

Sensor, hydrogen

Measuring range	0 – 10,000 ppm	
Resolution	0 – 100 ppm	5 ppm
	> 100 – 2,000 ppm	50 ppm
	> 2,000 – 10,000 ppm (0.2 – 1.0 % vol.)	0.2 % vol.
Response time	1,000 ppm H ₂ : t ₆₀ < 3.3 s t _R < 1 s t _R ... Time until device's first response following delivery of gas	
Warm-up time	20 s	
Measuring error	30 %	
Interference	All flammable gases, water vapour	
Lifetime, expected	5 years	