

SNOOPER mini

Technical data sheet

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 – 1100 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 – 22000 ppm	
Resolution	0 – 100 ppm > 100 – 2000 ppm > 2000 – 22000 ppm (0.2 – 2.2 % vol.)	5 ppm 50 ppm 0.2 % vol.
Response time	1 % vol. CH ₄ : t ₆₀ < 9 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	

Sensor, propane		
Measuring range	0 – 22000 ppm	
Resolution	0 – 100 ppm > 100 – 2000 ppm > 2000 – 22000 ppm (0.2 – 2.2 % vol.)	5 ppm 50 ppm 0.2 % vol.
Response time	1 % vol. C ₃ H ₈ : t ₆₀ < 12 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	

Sensor, hydrogen		
Measuring range	0 – 10 000 ppm	
Resolution	0 – 100 ppm > 100 – 2000 ppm > 2000 – 10000 ppm (0.2 – 1.0 % vol.)	5 ppm 50 ppm 0.2 % vol.
Response time	1000 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	

Subject to technical changes.

