

Technical data sheet

EX-TEC[®] SNOOPER 4

Device data	
Dimensions (W x D x H)	approx. 60 x 144 x 35 mm, without swan neck
Weight	approx. 300 g (pump device) approx. 400 g (diffusion device)

Certificates	
Certificate	EC type TÜV 09 ATEX 555077 X II2G Ex d e ib IIB T4 Gb basic device without leather bag for: CH4, C3H8, C4H10, C6H14, C9H20, JFUEL II2G Ex d e ib IIC T4 Gb basic device with leather bag for: CH4, C3H8, C4H10, C6H14, C9H20, JFUEL, H2

Device elements	
Display	monochromatic, 132 x 65 pixels
Buzzer	frequency 2.4 kHz, volume 75 dB (A) / 1m
Signal light	red
Pump capacity	vacuum > 150 mbar, volume flow approx. 5 – 15 l/h
Interface	via HG 4 docking station with interface
Operation	menu guided, three keys

Operating conditions	
Operating temperature	-20 °C – +40 °C
Storage temperature	-25 °C – +55 °C
Humidity	5 – 90 % r.h., non-condensing
Atmospheric pressure	800 – 1200 hPa
Protection rating	IP54

Power supply	
Power supply	NiMH rechargeable or disposable alkaline batteries, type Mignon (AA)
Operating time, typical	at least 8 h
Charging time	approx. 12 h (fully charged) depends on capacity
Charging voltage	12 V DC
Charging current	360 mA (pulsated)

Gas types	
Standard	methane CH ₄
Optional	propane C ₃ H ₈ acetylene C ₂ H ₂ butane C ₄ H ₁₀ hexane C ₆ H ₁₄ nonane C ₉ H ₂₀ hydrogen H ₂ jet fuel town gas

Semiconductor sensor ppm range	
Measuring range	0 – 22000 ppm (CH ₄)
Resolution	1 ppm
Response times	t ₉₀ < 7 s (pump device) t ₉₀ < 5 s (diffusion device)
Warm-up time	approx. 1 min
Measuring error	30 %
Interference	all flammable gases
Lifetime, expected	5 years

106648 – 06-06-2012 – Subject to technical changes.