



Alcatel ASM-102S

Technical Specifications

	Measurement range (Helium)		Crossover pressure (at inlet)	
	mbar l/s	Pa m ³ /s	mbar	Pa
Sniffing test mode (flow)	1x10 ⁻⁷ to 1	1x10 ⁻⁸ to 1x10 ⁻¹	sniffer probe at atm. pressure	
Sniffing test mode (concentration)			0.1 ppm to 100 %	
Response time (without LDS extension and without adaptator)			< 1 s	
Response time (with 10 m/32 ft LDS extension)			< 5 s	

Analyzer cell (Spectro):

Analyzer cell design	self protected 180° magnetic deflection mass spectrometer
Analyzer cell filament	2 tungsten filaments
Analyzer cell sensitivity	3x10 ⁻⁴ A/mbar
Emission current range	0.2 to 2 mA

Audio alarm:

90 dB frequency modulated and adjustable audio signal

Sniffing Audio set point	Adjustable throughout the entire measuring range
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Start-up time (average, at 20 °C):

Without autocalibration	1 min 30 s ± 10 %
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Miscellaneous:

Power voltage	low voltage :	100 - 130 V ± 10%
	high voltage :	200 - 240 V ± 10%
Power frequency	50/60 Hz single phase	
Power consumption (maximum)	100 W	
Start-up temperature	0 to 45° C	
Ambient operating temperature	0 to 45° C	
Storage temperature	-25° C to 70° C	
Noise level (at 1 meter; audio alarm not operational, stand by mode)	56 dBA	
House protection level	30C IP	
Weight	18 kg /39.6 lb	



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Alcatel ASM-102S Dimensions

