



Alcatel ASM-10

Technical Specifications

. Maximum operating pressure of the analysis cell	10^{-4} mbar
. Pumping speed for air	
. In front of the analysis cell at 1.10^{-4} mbar	3 1/s air
. At the inlet valve	3.5 1/s air
. Intrinsic sensitivity of the analysis cell	3.5 A/mbar
. Variation of sensitivity as a function of pressure between 10^{-6} and 10^{-4} mbar	± 20 % max.
. Smallest signal detectable at an air pumping speed of 3.5 1/s	2.10^{-11} atm.cm ³ /s He
. Smallest signal detectable at an air pumping speed of 1.1 1/s	1.10^{-12} atm.cm ³ /s He
. Direct reading range	2.10^{-11} to 1.10^{-5} atm.cm ³ /s He
. Response time	
. Scale 10.10^{-10}	1.5 s
. Scale 3.10^{-9}	1 s
. Scale 10.10^{-9} 10.10^{-6}	0.5 s
. Filament protection (triode)	off at 2.10^{-4} mbar
. Diffusion pump protection (Pirani gauge)	Closing of the safety inlet valve at 5.10^{-2} mbar
. Audio signal	Adjustable on the whole range
. Air roughing pumping speed at the inlet port	1 1/s



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Alcatel ASM-10 Features & Benefits

- features throttle valve, selector valve, inlet pressure readout
- fully protected at inlet port, filament & diffusion pump against power failure or air inrush
- can be used for large gross leak operations
- compact & easily transportable
- built-in mechanical backing/roughing pump
- always ready to use & easy to operate

