



Alcatel ASM-110TCL

Technical Specifications

- Maximum operating pressure of the analysis cell	10 ⁻⁴ mbar
- Pumping speed for He :	
- in front of the analysis cell	30 l/s
- at the inlet valve	8 l/s
- Intrinsic sensitivity of the analysis cell	3,5.10 ⁻⁴ A/mbar
- Variation of sensitivity as a function of pressure between 10 ⁻⁶ and 10 ⁻⁴ mbar	±40 % maximum
- Smallest detectable signal	2.10 ⁻¹¹ atm.cm ³ /s He
- Leak Rate Detection Range :	
- direct	2.10 ⁻¹¹ to 1.10 ⁻⁵ atm.cm ³ /s He
- closed loop circuit	1.10 ⁻⁵ to 3.10 ⁻¹ atm.cm ³ /s He
- Pirani gauge detection	1 to 100 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
- Turbomolecular 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 l/s



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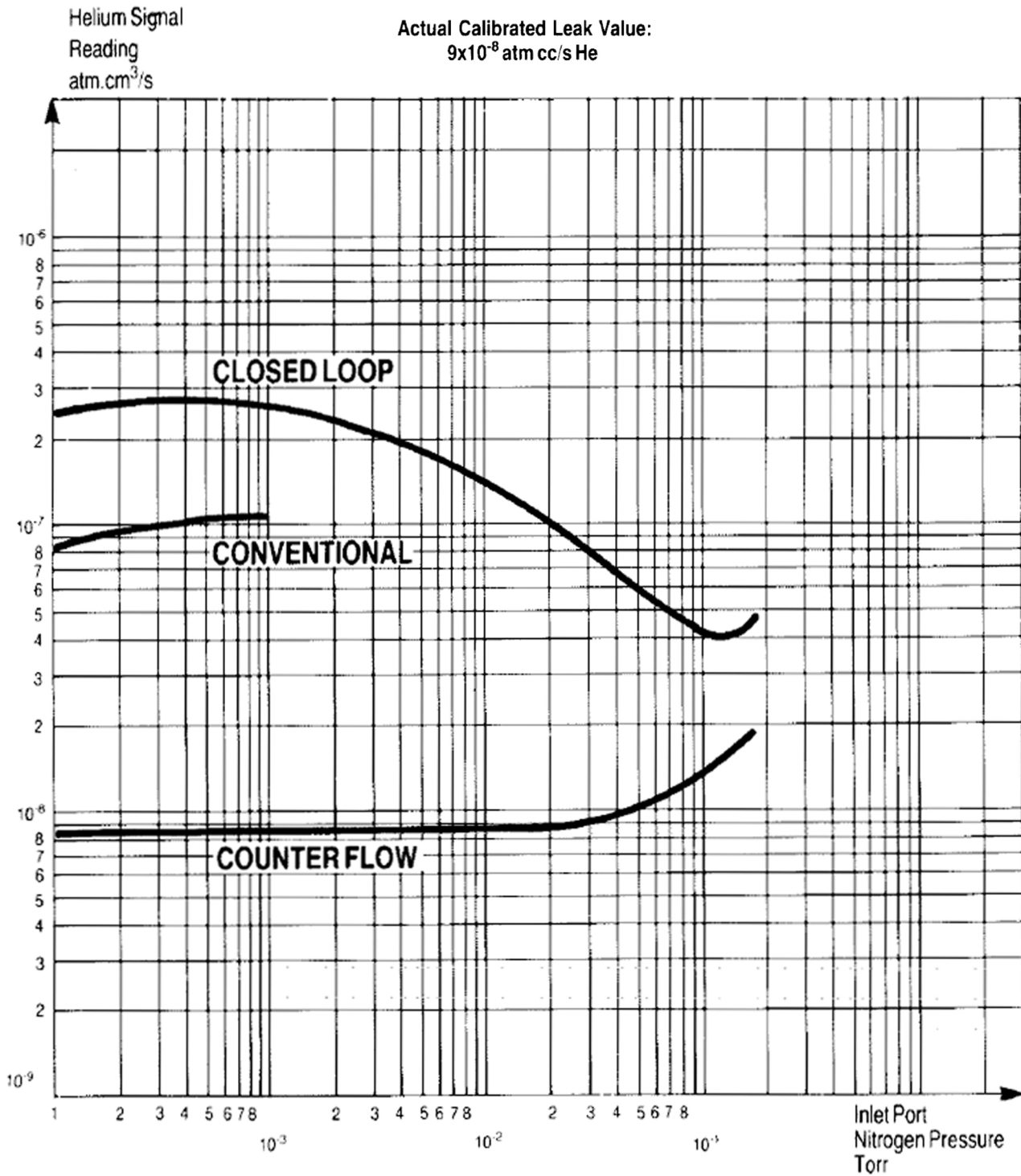
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Alcatel ASM-110TCL Pumping Curves





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Features & Benefits

- completely portable helium leak detector
- low minimum detectable leak
- high inlet port pumping speed
- high inlet port pressure testing
- no need for liquid nitrogen
- completely operator safe

