



Leybold UL-200 Dry Technical Specifications

UL 200 dry

Smallest detectable helium leak rate (Vacuum mode)	mbar x l x s ⁻¹	< 3 x 10 ⁻¹⁰
Smallest detectable helium leak rate (Sniffer mode)	mbar x l x s ⁻¹	< 1 x 10 ⁻⁷
Max. detectable helium leak rate (Vacuum mode)	mbar x l x s ⁻¹	1 x 10 ⁻¹
Max. permissible inlet pressure	mbar	3.5
Pumping speed during the evacuation process	m ³ x h ⁻¹ m ³ x h ⁻¹	1.6 (50 Hz) 1.9 (60 Hz)
Pumping speed for helium at the inlet	l/s	0.6
Time constant of the leak signal (blanked off, 63 % of final value)	s	< 1
Leak rate measurement range	mbar x l x s ⁻¹	1 x 10 ⁻¹¹ to 1 x 10 ⁻¹
Time until ready for operation	min	< 3
Mass spectrometer		180° magnetic sector field
Ion source		2 yttrium/iridium long-life cathodes
Detectable masses	amu	2, 3 and 4
Test port	DN	1 x 25 KF
Length of the cable on the hand unit	m	4
Dimensions (W x H x D)	mm	490 x 430 x 250
Weight	kg	34.5