

## PhoeniXL300 Technical Information

<b>Helium Leak Detector</b>	<b>PHOENIXL</b>	<b>300</b>	<b>300 Dry</b>	<b>300 Modul</b>
Lowest detectable helium leak rate				
Vakuum operation	mbar l/s	$\leq 5 \cdot 10^{-12}$	$\leq 3 \cdot 10^{-11}$	
Sniffer operation	mbar l/s	$\leq 1 \cdot 10^{-7}$	$\leq 1 \cdot 10^{-7}$	
Maximum measurable helium leak rate				
Vakuum operation	mbar l/s	$> 0.1$	$> 0.1$	
Measurement ranges		12 decades	12 decades	12 decades
Maximum permissible inlet pressure	mbar	15	15	15
Pumping speed during pumpdown, 50 Hz/ 60 Hz	m <sup>3</sup> /h	2.5 / 3	1.6/1.8	25/30a) / 30/36 <sup>b)</sup>
Helium pumping speed in the vacuum mode	l/s	$> 2.5$	$> 2.5$	$> 2.5$
Time constant for the leak rate signal	s	$< 1$	$< 1$	$< 1$
Time until ready for operation	min	$\leq 2$	$\leq 2$	$\leq 2$
Power consumption	VA	420	350	350
Inlet flange		DN 25 KF	DN 25 KF	DN 25 KF
Dimensions (W x H x D)	mm		495 x 456 x 314	
Weight	kg	40	35.5	29.5