

TURBO MOLECULAR PUMP

HIGH PRESSURE TMP



These pumps are designed for very high inlet pressure, high pumping speed, low power consumption. These series can run up while the inlet pressure is enhanced 10m bar, working while the inlet pressure is enhanced 4 mbar, continue working 5 min while the inlet pressure at 20m bar , 2 min while the inlet pressure at 30mbar,the max inlet pressure support is 60mbar.

2B. 180 LPS TMP



Model	TMP-100/180		TMP- 150/600		TMP- 200/1200		TMP- 250/1600		TMP- 400/3500	
Inlet flange	DN100CF (copper sealed)	DN100LF (viton sealed)	DN150CF (copper sealed)	DN150LF (viton sealed)	DN200CF (copper sealed)	DN200LF (viton sealed)	DN250CF (copper sealed)	DN250L F (viton sealed)	DN400CF (copper sealed)	DN400LF (viton sealed)
Pumping speed L/S	180		600		1200		1600		3500	
Ultimate Pressure (Torr)	4×10^{-9}	5×10^{-8}	2×10^{-9}	4×10^{-8}	2×10^{-9}	4×10^{-8}	2×10^{-9}	4×10^{-8}	5×10^{-9}	5×10^{-8}
Compress ratio	$N_2 > 10^8$	$H_2 > 5 \times 10^2$	$N_2 > 10^9$	$H_2 > 8 \times 10^3$	$N_2 > 10^9$	$H_2 > 8 \times 10^3$	$N_2 > 10^9$	$H_2 > 8 \times 10^4$	$N_2 > 10^8$	$H_2 > 8 \times 10^4$
Rotary speed (rpm)	36000		24000		24000		24000		12600	
Start up time (min)	<6		<6		<6		<6		<20	
Venting flange	KF25		KF40		KF40		KF50		LF100	
Cooling	Water / Air		Water / Air		Water / Air		Water		Water	
Power VA	<100		<200		<200		<300		<400	
Mounting	Vertical or Horizontal		Vertical $\pm 5^\circ$		Vertical $\pm 5^\circ$		Vertical $\pm 5^\circ$		Vertical $\pm 5^\circ$	
Weight (Kg)	8.5		30		36		40		102	

these are very sophisticated high performance and extremely robust pumps are recognized as the new reference in the world of molecular pumps.

ph: +91-080-23327059 Mob: +91-9886726920,

e mail: support@uniquevacuum.co.in