

Diaphragm Vacuum Pumps LABOPORT®, KNF Neuberger



Diaphragm vacuum pumps LABOPORT®

- Application: Filtration, SPE, outgassing, fluid extraction via vacuum
- Delivery rate max. 1.8 m³/h and a final vacuum of max. 15 mbar abs.
- In the N 938.50 KT.18, the two pump heads have a parallel and series connection for extremely fast evacuation
- The N 86 KT.18 has a very small footprint (90 × 141 × 164 mm)
- PTFE-coated diaphragms for aggressive/corrosive gases and vapours

Technical data:

Connectors for tube mm:	ID4 (N 86 KT.18) ID6 (N 816.3 KT.18, N 816.1.2 KT.18) ID10 (N 938.50 KT.18)
Permissible media and ambient temperature:	+5 to +40°C
Pump head:	PPS
Diaphragm:	PTFE coated
Valves:	FFPM

Type	Flow rate ¹⁾ m ³ /h	Ultimate vacuum abs. mbar	Over-pressure bar	Weight kg	Accessories No.	Order No.
① N 86 KT.18	0.33	160	2.5	1.90	1/3/4/6/7/8/9/10	56 62 10110
② N 816.3 KT.18	0.96	20	0.5	3.95	1/4/7/8/11	56 62 10130
② N 816.1.2 KT.18	1.8	160	0.5	3.95	11	56 62 10146
③ N 938.50 KT.18	1.8	15	0.5	6.8	2/5/12	10 62 70150

¹⁾ at atm. pressure

Accessories

Article	Type	Accessories No.	Order No.
Silencer	000345	1	56 62 20406
Silencer	007006	2	10 62 77006
Hose connector G1/8 ID4 PVDF	025671	3	10 62 75671
Hose connector G1/8 ID6 PVDF	123363	4	10 62 73363
Hose connector NPT1/8 ID10 PVDF	112004	5	10 62 72004
Hose connector G1/8 ID4 PA	001936	6	10 62 71936
Hose connector G1/8 ID6 PA	000360	7	10 62 70360
Hose connector G1/8 ID8 PA	004975	8	10 62 74975
Fine control valve with pressure gauge, pressure side	001786	9	10 62 71786
Fine control valve with vacuum gauge, suction side	001787	10	10 62 71789
Fine control valve with vacuum gauge, suction side	057830	11	10 62 77830
Fine control valve with vacuum gauge, suction side	112432	12	10 62 72432

