

Continued from previous page

Working overpressure (bar)	1,0				
Final pressure (abs.) (mbar)	8	100	8	90	100
Protection class	IP 44				
WxDxH (mm)	140x281x187	146x256x187	159x268x207	166x341x226	171x297x226
Weight (kg)	6,9	5,9	7,1	12,6	10,3

Model	Pk	Cat. No.
N 810.3 FT.18	1	181-3310
N 810 FT.18	1	181-3315
N 820 FT.18	1	181-3100
N 840.3 FT.18	1	189-0017
N 840.1.2 FT.18	1	181-3337
N 840 FT.18	1	181-3335

Flow rate at atmospheric pressure



Compact vacuum pumps for filtration and solid phase extraction VWR by Vacuubrand



Vacuum filtration is one of the most common applications used for sample preparation in chemistry, microbiology, wastewater control and other analytical processes. The VP 100 and VP 100 C diaphragm pumps offer a compact, high performance and easy to use solution which is perfect for both single and multiple filtrations.

This new development, based on the highly successful technology of the three-stage diaphragm pump series MD 1 and MD 1C, provides a well proven and extraordinary long diaphragm lifetime. The functional, space saving and innovative design with visible top-mounted power switch ensures convenient and quick operation for day-to-day lab work. Robust PTFE diaphragms and valves provide optimum chemical resistance. An optional manual control valve with gauge enables variable fine adjustment of the pumping speed.

- Convenient, quick and simple to use due to the new top-mounted power switch
- Whisper quiet and ultra-low vibration resulting from a new patented motor mounting
- Requires minimal bench top space
- Maintenance-free drive system and proven long diaphragm life
- High chemical resistance (especially VP 100 C)

Model	VP 100	VP 100 C
No. of stages		3
Flow rate (m ³ /h)		0,7
Vacuum (mbar)		100

Description	Pk	Cat. No.
Diaphragm pump VP 100 for aqueous filtration and solid phase extraction (UK-plug)	1	181-0237
Diaphragm pump VP 100 C - chemically resistant (UK-plug)	1	181-0240

Diaphragm pumps Vacuubrand



MD 4 NT



MZ 2 NT



ME 4 NT

Diaphragm pumps are mechanical vacuum pumps that function without oil. They are easy to operate, use no water and generate neither waste water nor used oil. These pumps are used for evacuating or pumping gases between containers in chemistry or physics laboratories. They are extremely versatile.

- Available in aluminium or chemical versions
- Large selection of final pressure and pump capacities, high pump volume capacities even at low pressures
- Maintenance-free drive unit, constructed for easy maintenance, diaphragm and valves are easy to replace
- Very quiet, low-vibration running
- Optimised service life of diaphragms and valves (normally over 10 000 operating hours)

Aluminium versions

Continued on next page