

Membrane Pumps

Vacuum Pumps for the Laboratory

- Evacuation and transfer of air and aggressive gases
- High vapor and condensate tolerance

Typical applications of the membrane vacuum pumps are evacuation and transfer of air, gases and vapors.

We recommend to use the pumps with our following products: Geldryers, Vacu-Blot, Dot Blot 96, Hybri-Dot 96, Hybri-Slot 24, The Convertible.

In addition the pumps are suitable for rotary evaporation, vacuum filtration or vacuum distillation of solvents with high boiling point.



MP86

MP26

Membrane pump system II
with MP20Membrane pump system III
with MP40

All pumps are gas-tight, 100 % oil-free, maintenance-free, quiet and provided with an adjustable vacuum gauge and manometer.

For use with geldryers we recommend the pump systems. The systems are delivered with a separator (Woulff's bottle) connected to the pump inlet to prevent contamination of the pump with liquids.

Pump type	Max. delivery at atm. pressure (l/min)	End vacuum (mbar abs.)	Recommended for use with				Comments
			Minidry	Mididry	Maxidry	Vacu-Blot, Dot Blot, Hybri-Dot 96, Hybri-Slot 24, The Convertible	
MP86	6	100	-	-	-	+	Highly condensate resistant
MP26	19	35	+	(+)	-	-	Functional design Low-price alternative to MP20
MP20	20	8	+	+	-	-	Superior condensate resistance and better end vacuum compared to MP26
MP40	34	8	+	+	+	-	Highest condensate resistance and best end vacuum

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Order Information

Item	Order No.
Membrane vacuum pump MP86 , 230 V, 50 Hz with adjustable vacuum gauge and manometer, end vacuum 100 mbar, max. delivery 6 l/min	049-000
dto., 115 V, 60 Hz	049-090
Membrane vacuum pump MP26 , 230 V, 50 Hz with adjustable vacuum gauge and manometer, end vacuum 35 mbar, max. delivery 19 l/min, incl. 1 m vacuum tubing	049-100
dto., 115 V, 50/60 Hz	049-190
Membrane pump system I , same as 049-100, but includes separator (Woulff's bottle), and 1 m vacuum tubing	049-200
dto., but based on 049-190	049-290
Membrane vacuum pump MP20 , 230 V, 50 Hz, with adjustable vacuum gauge and manometer, end vacuum 8 mbar, max. delivery 20 l/min, incl. 1 m vacuum tubing	049-300
dto., 115 V, 60 Hz	049-390
Membrane pump system II , same as 049-300, but includes separator, baseplate and holder for separator, and 1 m vacuum tubing	049-400
dto., but based on 049-390	049-490
Membrane vacuum pump MP40 , 230 V, 50 Hz, with adjustable vacuum gauge and manometer, end vacuum 8 mbar, max. delivery 34 l/min, incl. 1 m vacuum tubing	049-500
dto., 115 V, 60 Hz	049-590
Membrane pump system III , same as 049-500, but includes separator, baseplate and holder for separator, and 1 m vacuum tubing	049-600
dto., but based on 049-590	049-690
Accessories	
Vacuum tubing for MP86 (2 x 1 m)	049-002
Vacuum tubing for MP26, MP 20 and MP40 (2 x 1 m)	049-102
Separator bottle (Woulff's bottle) for MP26	049-201
Separator bottle and holder for MP20 and MP40 baseplate	049-402
Baseplate for MP20	049-401
Baseplate for MP40	049-601
Adjustable vacuum gauge with manometer (for connection to the pump inlet)	049-501