

COMPACT VACUUM PUMPS

for Filtration, Degassing & Solid Phase Extraction



The Solution for Filtration in Biology and Chemistry Labs

VACUUBRAND[®] diaphragm vacuum pumps ME 1 & ME 1C

Vacuum filtration is one of the most common applications used for sample preparation in chemistry, microbiology, waste water control and other analytical processes. The compact ME 1 and ME 1C diaphragm pumps offer a high performance and easy-to-use solution which is perfect for both single and multiple filtrations. These pumps provide a well-proven and extraordinary long diaphragm life time in excess of 15,000 operating hours. They are whisper quiet with low vibration. The functional, space

saving design with a readily accessible top mounted power switch ensures convenient and quick operation. Both models feature robust PTFE diaphragms and valves for optimal chemical resistance. The ME 1C features a full fluoropolymer flowpath, for a complete chemistry-design pump. An optional vent control valve with dial gauge enables variable fine adjustment of the pumping speed. Not intended for pressure filtration.

Technical Data

	ME 1	ME 1C
Maximum pumping speed at 50-60 Hz	14 Lpm (0.5 cfm)	14 Lpm (0.5 cfm)
Ultimate vacuum (abs.)	100 mbar (75 Torr)	100 mbar (75 Torr)
Inlet connection (IN)	6-10 mm	10 mm
Outlet connection (EX)	Silencer	10 mm
Dimensions (L x W x H)	247 mm x 121 mm x 145 mm	247 mm x 121 mm x 145 mm
Weight	5.0 kg	5.0 kg

Ordering Information

	Cat. No.	2019 List Price
ME 1, 100-120 V, 50-60 Hz, US plug	20721003	\$893.60
ME 1C, 100-120 V, 50-60 Hz, US plug	20721103	1,134.60

Accessories

Vacuum regulation valve with manometer for ME 1	20696842	187.40
Vacuum regulation valve with manometer for ME 1C	20696843	375.80



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