

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

Maximum pumping speed at 50-60 Hz
Ultimate vacuum (abs.)
Inlet connection (IN)
Outlet connection (EX)
Dimensions (L x W x H)
Weight

ME 1

14 Lpm (0.5 cfm)
100 mbar (75 Torr)
6-10 mm
Silencer
247 mm x 121 mm x 145 mm
5.0 kg

ME 1C

14 Lpm (0.5 cfm)
100 mbar (75 Torr)
10 mm
10 mm
247 mm x 121 mm x 145 mm
5.0 kg

Ordering Information

ME 1, 100-120 V, 60 Hz, US plug
ME 1C, 100-120 V, 50-60 Hz, US plug

Cat. No.

20721003
20721103

Accessories

Vacuum regulation valve with manometer for ME 1
Vacuum regulation valve with manometer for ME 1C

20696842
20696843



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