

Compact Vacuum Pumps for Filtration and Solid Phase Extraction

VACUUBRAND® diaphragm vacuum pumps ME1 and ME1C

*The Solution for Filtration
in Biology and Chemistry Labs*



VACUUBRAND®
ME1 and ME1C
vacuum pumps

Vacuum filtration is one of the most common applications used for sample preparation in chemistry, microbiology, waste water control and other analytical processes. The new ME1 and ME1C diaphragm pumps offer a compact, high performance and easy-to-use solution which is perfect for both single and multiple filtrations. These new pumps provide a well-proven and extraordinary long diaphragm life time of 10,000-15,000 operating hours. They are whisper quiet with low vibration. The functional, space saving and innovative design with readily accessible top mounted power switch ensures convenient and quick operation. Both models feature robust PTFE diaphragms and valves for optimal chemical resistance. The ME1C 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

| | ME1 | ME1C |
|-------------------------------|--|--|
| Max. pumping speed at 50/60Hz | 14lpm (0.5cfm) | 14lpm (0.5cfm) |
| Ultimate vacuum (abs.) | 100mbar (75Torr) | 100mbar (75Torr) |
| Inlet connection (IN) | 6/10mm (1/4"-3/8") | 10mm (3/8") |
| Outlet connection (EX) | Silencer / G1/8" | 10mm (3/8") |
| Dimensions (L x W x H) | 247mm x 121mm x 145mm (9.74" x 4.76" x 5.71") | 247mm x 121mm x 145mm (9.74" x 4.76" x 5.71") |
| Weight | 5.0kg (11lbs) | 5.0kg (11lbs) |

ORDERING INFORMATION

| | Cat. No. |
|--------------------------|----------|
| ME1, 100-120V ~ 50-60Hz | 721003 |
| ME1C, 100-120V ~ 50-60Hz | 721103 |

ACCESSORIES

| | Cat. No. |
|---|----------|
| Vacuum regulation valve with manometer for ME1 | 696842 |
| Vacuum regulation valve with manometer for ME1C | 696843 |

Product appearance, catalog numbers, prices, specifications, and technical information are subject to change without notice.

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NEW!