

# COMPACT VACUUM PUMPS

for Filtration, Degassing & Solid Phase Extraction



The Solution for Filtration in Biology and Chemistry Labs

## VACUUBRAND® diaphragm vacuum pumps ME1 & ME1C

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 ME1 and ME1C 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 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

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

### ME1

14lpm (0.5cfm)  
 100mbar (75Torr)  
 6-10mm (1/4"-3/8")  
 Silencer / G1/8"  
 247mm x 121mm x 145mm  
 5.0kg (11lbs)

### ME1C

14lpm (0.5cfm)  
 100mbar (75Torr)  
 10mm (3/8")  
 10mm (3/8")  
 247mm x 121mm x 145mm  
 5.0kg (11lbs)

### Ordering Information

ME1, 100-120V, 50-60Hz, US plug

BrandTech®  
 Cat. No.

721003

2015  
 List Price

\$859.00

ME1C, 100-120V, 50-60Hz, US plug

721103

1,091.00

### ACCESSORIES

Vacuum regulation valve with manometer for ME1

696842

172.00

Vacuum regulation valve with manometer for ME1C

696843

345.00



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