

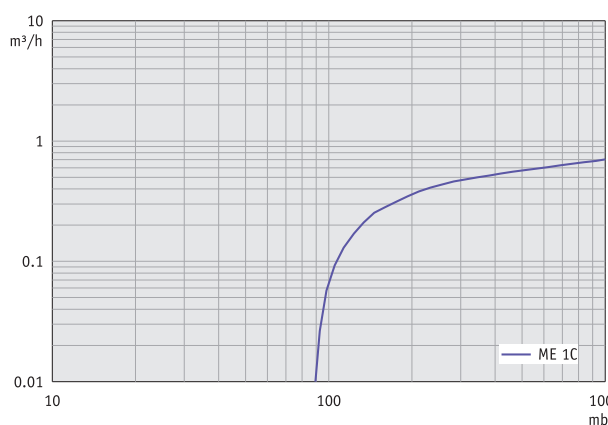
- convenient, quick and simple to use due to the new top-mounted power switch
- whisper quiet and very low vibration
- requires minimal benchtop space
- maintenance-free drive system and proven long diaphragm life
- high chemical resistance



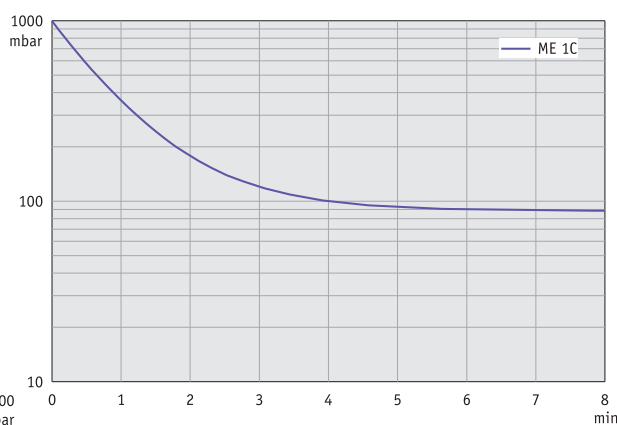
ME 1C

Vacuum filtration is one of the most common applications used for sample preparation in chemistry, microbiology, waste water control and other analytical processes. The ME 1C diaphragm pump offers a compact, high performance and easy-to-use solution which is perfect for single filtrations. This development, based on the highly successful technology of the oil-free diaphragm pump MD 1C, provides a well-proven and extraordinarily long diaphragm life time. The functional, space saving and innovative design with easily accessible, top-mounted power switch ensures convenient and quick operation for day-to-day lab work. Robust PTFE diaphragms and valves provide optimal chemical resistance. A manual vacuum regulator valve with dial gauge for adjustment of pumping speed and ultimate vacuum is available as accessory.

Pumping speed graph at 50 Hz



Pump down graph at 50 Hz
(10 l volume)



Further information and diagrams for 60 Hz mains frequency at www.vacuubrand.com
Pumping speeds and pump down times are only for information. Ultimate vacuum specification: See "Technical Data"

CHEMISTRY DIAPHRAGM PUMPS

TECHNICAL DATA

ME 1C

Number of heads / stages	1 / 1
Max. pumping speed 50/60 Hz	0.7 / 0.85 m³/h
Ultimate vacuum (abs.)	100 mbar
Max. back pressure (abs.)	1.1 bar
Inlet connection	Hose nozzle DN 8-10 mm
Outlet connection	Hose nozzle DN 8-10 mm
Rated motor power	0.04 kW
Degree of protection	IP 40
Dimensions (L x W x H), approx.	247 x 121 x 145 mm
Weight, approx.	5.0 kg

ACCESSORIES

Rubber vacuum tubing DN 8 mm (686001)
 Chemistry vacuum regulator valve unit for ME/MZ 1C
 (696843)
 Silencer DN 8 - 10 mm (636588)

ITEMS SUPPLIED

Pump completely mounted, ready for use, with manual.

ORDERING INFORMATION

ME 1C

230 V ~ 50-60 Hz	CEE	Ex*	721100
230 V ~ 50-60 Hz	CH, CN	Ex*	721101
230 V ~ 50-60 Hz	UK, IN	Ex*	721102
100-120 V ~ 50-60 Hz	US		721103
100-120 V ~ 50-60 Hz / 200-230 V ~ 50-60 Hz		Ex*	**721105

With NRTL certification for Canada and the USA

Ex*: ATEX: II 3G IIC T3 X, Internal Atm. only

**Please order power cable separately



WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.