

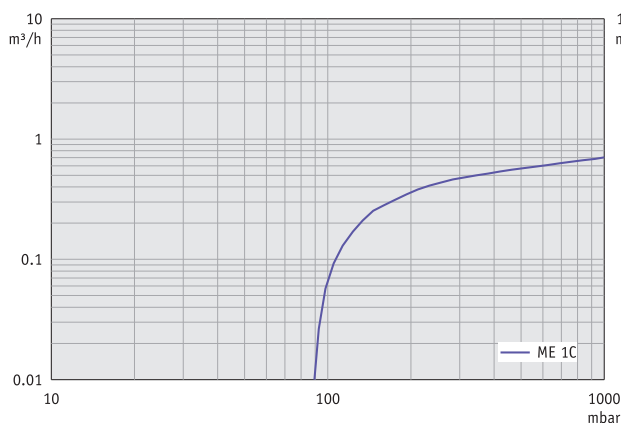
- ◆ convenient, quick and simple to use due to the new top-mounted power switch
- ◆ whisper quiet and very low vibration
- ◆ requires minimal benchtop space
- ◆ maintenance-free drive system and proven long diaphragm life
- ◆ high chemical resistance



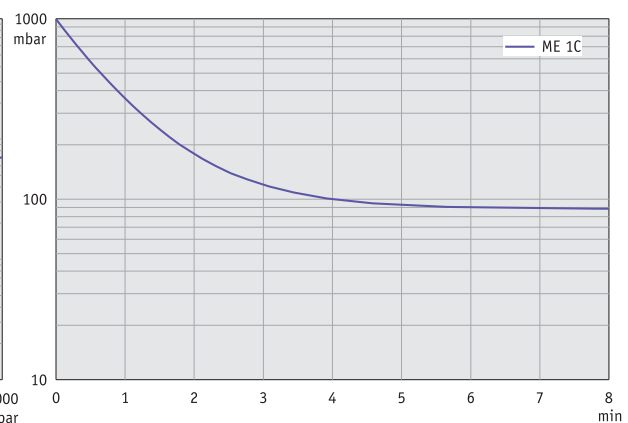
## ME 1C

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)



## CHEMISTRY DIAPHRAGM PUMPS

**TECHNICAL DATA****ME 1C**

Number of heads / stages	1 / 1
Max. pumping speed 50/60 Hz	0.7 / 0.85 m <sup>3</sup> /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**

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**Use the above details to contact us if this literature doesn't answer all your questions.**

**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.

