

vacuubrand

Technology for Vacuum Systems

**Extremely powerful,
ultra low vibration,
reliable and
easy to service**

**NT Chemistry diaphragm
vacuum pumps**

**NEW
TECHNOLOGY**



**For
corrosive
vapours
and gases**

Pumping
speed up to
8 m³/h

Ultimate
vacuum down
to 1.5 mbar

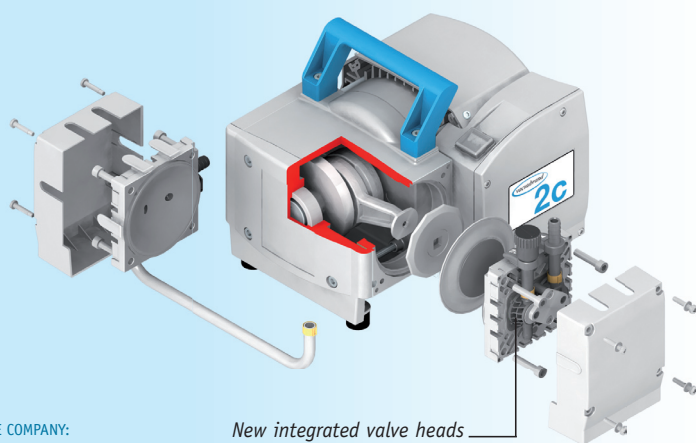
A new class of oil-free diaphragm pumps

- **Improved performance**
Increased pumping speed (approx. 10 % more than the predecessors) and better ultimate vacuum extend the application field both in the laboratory as well as for industrial purposes
- **Uncompromising chemistry design**
due to the use of chemically resistant fluoroplastics for all gas contacting parts
- **Long diaphragm lifetime**
due to PTFE sandwich design and stress free fixing of the diaphragms



MD 4C NT
down to 1.5 mbar

- **Easy service**
Independent changing of diaphragm or valves due to novel integrated valve head assembly (patented). Easy dismantling, cleaning and safe reassembling without the need for readjustment
- **Whisper quiet and ultra low vibration**
due to compact drive with patented motor drive system. Ideal as a built-in component for sensitive equipment in both the laboratory and industry
- **Superior vapour tolerance**
due to integrated tubing connections. The types MZ 2C NT and MD 4C NT provide a gas ballast valve as standard
- **Easy to clean**
due to smooth exterior surfaces



New integrated valve heads

THE COMPANY:

With 160 employees and over 40 years of experience, VACUUBRAND manufactures the most comprehensive range of laboratory and instrumentation vacuum pumps, gauges and controllers for rough and fine vacuum.

The product range comprises rotary vane pumps, oil-free diaphragm pumps, complete pumping units, flexible vacuum systems and solutions for local area networks. The range is completed by a wide choice of fittings and accessories as well as vacuum gauges and controllers for rough and fine vacuum.

Our technical literature is only intended to inform our customers. The validity of general empirical values and results obtained under test conditions for specific applications depends upon a number of factors beyond our control. It is, therefore, strictly the users' responsibility to verify carefully the validity or suitability to their specific requirements. No claims arising from the information provided in this catalogue will consequently be entertained. Technical data are subject to change without notice.

Pictures may depict accessories which are not supplied as standard under the catalogue number printed.

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DIAPHRAGM PUMPS	ME 4C NT	ME 8C NT	MZ 2C NT	MD 4C NT
Max. pumping speed* 50/60 Hz	m ³ /h 3.9/4.3	7.1/7.8	2.0/2.3	3.4/3.8
Ultimate vacuum (total)	mbar 70	70	7	1,5
Ultimate vacuum with gas ballast	mbar -	-	12	3
Inlet connection (IN)	hose nozzle 10 mm	hose nozzle 10 mm	hose nozzle 10 mm	hose nozzle 10 mm
Outlet connection (EX)	hose nozzle 10 mm	hose nozzle 10 mm	hose nozzle 10 mm	hose nozzle 10 mm
Dimensions (L x W x H)	mm 255 x 243 x 198	325 x 243 x 198	243 x 243 x 198	325 x 243 x 198

ORDERING INFORMATION

230 V ~ 50-60 Hz	CEE	731200	734200	732300	736400
230 V ~ 50-60 Hz	UK	731202	734202	732302	736402
100 - 120 V ~ 50 - 60 Hz	US	731203	734203**	732303	736403

*accord. to ISO 21360 **120V ~ 60 Hz only



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