

CHEMISTRY VACUUM SYSTEM

vacuubrand

MZ 2C + AK SYNCHRO + EK

MZ 2C + AK Synchro + EK two-stage

..... 1.9 m³/h

..... 1.2 cfm

..... 35 l/min

..... 9 mbar

..... 6.8 Torr

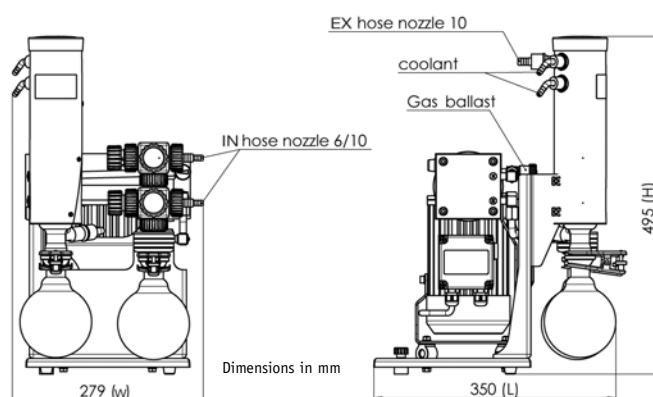
The Chemistry Vacuum System MZ 2C + AK Synchro + EK allows the simultaneous operation of two independent vacuum systems. The inlet separator (AK) prevents particles and droplets from entering the pump. The insulated exhaust vapour condenser (EK) efficiently recovers solvents for environmental protection by economical recycling or proper disposal. Inside the pump, gases and vapours only come into contact with chemically resistant fluoroplastics. Typical applications are the evacuation and transfer of aggressive gases, rotary evaporation, gel drying, vacuum concentration, etc.



MZ 2C + AK Synchro + EK

SPECIAL ADVANTAGES

- Simultaneous operation of two independent vacuum systems
- Two manually controlled vacuum ports
- Oil-free vacuum down to ~ 9 mbar (6.8 Torr)
- Built-in non-return valves against cross contamination/interference
- Gas ballast valve as standard for working with condensable vapours
- Solvent recovery next to 100%
- Low noise level, compact design



2 manually controlled
vacuum ports

TECHNICAL DATA

Vacuum pump	Chemistry Diaphragm Pump MZ 2C	
Number of stages	2	
Pumping speed (DIN 28432) 50/60 Hz	m ³ /h//cfm	1.9/2.1//1.2
Ultimate vacuum (total)	mbar//Torr	9//6.8
Ultimate vacuum with gas ballast	mbar//Torr	15//11
Inlet connection (IN)	2 x hose nozzle NW 6/10	
Outlet connection (EX)	hose nozzle NW 10	
Cooling water connection	2 x hose nozzle NW 6	
Dimensions (L x W x H)	mm	350 x 279 x 495
Weight approx.	kg	14.1

Items supplied: Chemistry diaphragm pump MZ 2C mounted on pump support, dual inlet with flow control valves, inlet separator, insulated exhaust vapour condenser, on/off switch, cable with plug and instructions for use

ORDERING INFORMATION

230 V ~ 50-60 Hz	plug CEE	68 80 24
230 V ~ 50-60 Hz	plug UK	68 81 77
120 V ~ 60 Hz	plug US	68 80 25
100 V ~ 50-60 Hz	plug US	68 80 26

ACCESSORIES

Hose (rubber) NW 10	68 60 02
Controller support for CVC 2 ^{II} (incl. CEE, CH and UK cable): see page 93	69 99 36
Vacuum Controller CVC 2 ^{II} (see page 130)	68 31 50
Electromagnetic valve for mounting on control unit (valve VCL C3)	63 76 59

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