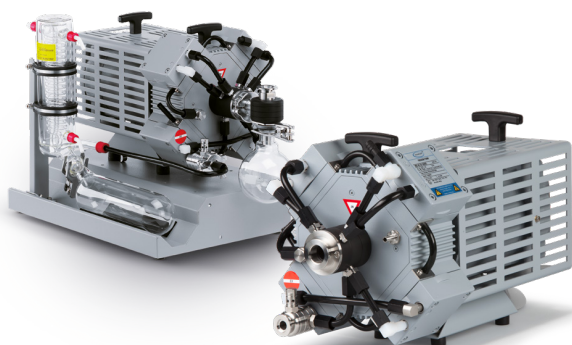


MD 4C EX VARIO

MD 4C EX VARIO +AK +EK



- ▶ Full advantage of ATEX chemistry diaphragm pumps
- ▶ Short process times due to hysteresis-free VARIO® vacuum control
- ▶ VARIO®-pump operates on demand only as fast as necessary – minimal power consumption, extended maintenance intervals, silent operation
- ▶ Vacuum controller CVC 3000 (optional) for precise vacuum control and fully automatic processes
- ▶ Complete system accessories I/O-Module, supply / isolation amplifier and ATEX vacuum sensor

down to 3 mbar // 3.7 m³/h

Technical data

ATEX conformity	
Pumping chamber (pumped gases):	II 2G Ex h IIC T3 Gb X
Environment with inert purge gas:	II 2G Ex h IIB T4 Gb X
Environment without inert purge gas:	II 3G Ex h IIB T4 Gc X
Motor:	II 2G Ex d IIB T4 Gb
Max. pumping speed at 50 Hz	3.7 m³/h
Ultimate vacuum (abs.)	3 mbar
Ultimate vacuum (abs.) with bas ballast	10 mbar

Inlet connection	Small flange KF DN 25
Outlet connection	Small flange KF DN 16
Outlet connection	Hose nozzle DN 8–10 mm
Degree of protection	IP 54
Dimensions (L x W x H)	469 x 265 x 305 mm
Dimensions (L x W x H)	600 x 365 x 420 mm
Weight, approx.	28.0 kg
Weight, approx.	36.0 kg

Ordering data

MD 4C EX VARIO	230 V~50 Hz	Open wires	20696936
MD 4C EX VARIO +AK +EK	230 V~50 Hz	Open wires	20696937

Accessories

PTFE tubing KF DN 25 (1000 mm: 20686033)

Items supplied

Pump completely mounted, ready for use, with manual. Shatter and shock protection for glass parts must be provided by the customer. Speed control via 4-20 mA current loop (4 mA = 0 rpm, 20 mA = 1500 rpm). Control signal line 10 m, mains cable 2 m without plug.