

# Chemical Resistant Diaphragm Pump

## Variable-frequency vacuum pump, fast pumping speed

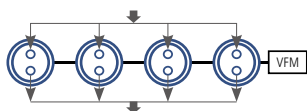
Chemical resistant diaphragm pumps are ideally suited for pumping aggressive gases and vapors in a vacuum range down to 1mbar.

### Features

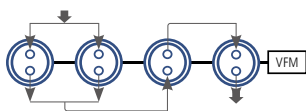
- > All wetted parts are made of chemical resistant materials
- > Variable frequency motor for fast pumping speed
- > Low noise
- > Overheat protection
- > Vacuum can be controlled by manual valve, vacuum controller or variable frequency controller
- > Easy and convenient for maintenance



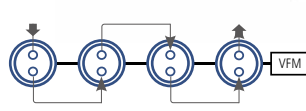
The motor drives the pump head to vacuum



C2000EEF with variable frequency motor and single stage of pump head

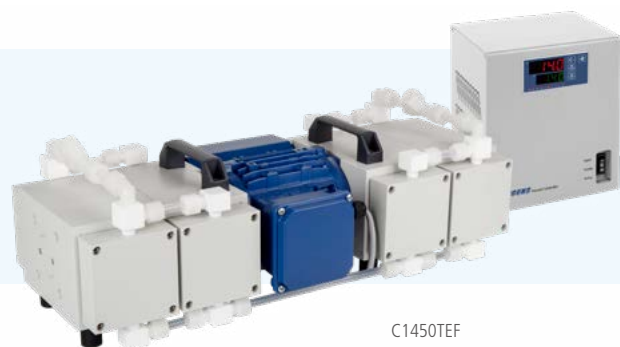


C2000TEF with variable frequency motor and triple stage of pump head



C2000VEF with variable frequency motor and quadruple stage of pump head

The variable-frequency pump needs to be connected with the variable-frequency controller to control the vacuum by adjusting the speed of the motor, which is especially suitable for the vacuum control of large-capacity system. not only ensures a faster pumping speed, but also obtains a stable vacuum.



C1450TEF

Model / Specifications	C2000EEF	C2000TEF	C2000VEF	C1450TEF
Order No. (W/ frequency controller)	W1032011	W1032012	W1032013	1691450C
Flow rate [m <sup>3</sup> /h] at atm. pressure	16.2	12.6	9.6	
Flow rate [L/min] at atm. pressure	270	210	160	145
Ultimate vacuum [mbar abs.]	< 70	< 2	< 1	< 8
Max. Power P [W]	750	750	750	600
Motor speed [rpm]	0~1380	0~1380	0~1380	0~1400
Pump head	Single stage	Triple stage	Quadruple stage	Triple stage
Hose connections of inlet	KF25 <sup>1)</sup>	KF25 <sup>1)</sup>	KF25 <sup>1)</sup>	10mm
Hose connections of outlet	G1/2 <sup>1)</sup>	G1/2 <sup>1)</sup>	G1/2 <sup>1)</sup>	G1/2
Noise [dB]	60	60	60	65
Dimensions W x D x H [mm]	615×285×386	615×285×386	615×285×386	635×280×200
Weight [kg]	41	41	41	36.5
Power supply	200 - 240V, 50/60Hz	200 - 240V, 50/60Hz	200 - 240V, 50/60Hz	200 - 240V, 50/60Hz

1) Included : 2 barbed fittings for tubing 16 mm inner dia.