

## Technical Data

Pump rate max. (50/60Hz) [m³/h]	1.32
Pump rate max. (50/60Hz) [l/min]	22
Final pressure without gas ballast [mbar]	2
Suction levels	4
Cylinder	4
Connection diameter suction side [mm]	8
Connection diameter pressure side [mm]	8
Input pressure [mbar]	2 - 1030
Boiling point detection	yes
Solvent library	yes
Analog speed vacuum control	yes
Speed control	Turning knob
Speed range [rpm]	285 - 1200
Display	TFT
Pressure unit / scale	mbar, hPa, mmHg, Torr
Vacuum sensor	yes
Vacuum sensor type	ceramic Al <sub>2</sub> O <sub>3</sub>
Pressure max. for pressure sensor [bar]	1.2
Measurement range (absolute) [mbar]	1 - 1030
Control range [mbar]	1 - 1030
Resolution pressure [mbar]	1
Measurement uncertainty [mbar]	1
Venting valve	yes
Condensate trap	yes
Emission condenser	yes
Timer	yes
Noise at low. pressure [dB(A)]	54
Material in contact with medium	Al <sub>2</sub> O <sub>3</sub> , PTFE, FPM, PPS
Housing material	alu-cast coating / thermoplastic polymer
Mode automatic	yes
Mode manual	yes
Mode pump %	yes
Mode program	yes
Dimensions (W x H x D) [mm]	270 x 435 x 500
Weight [kg]	14
Permissible ambient temperature [°C]	5 - 40
Permissible ambient conditions	80% (up to 31°C), decreasing linearly to max. 50 (@40°C)
Protection class according to DIN EN 60529	IP 20
RS 232 interface	yes
USB interface	yes
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	140
Power input standby [W]	1.5