



designed for scientists

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
Two-point control	yes
Analog speed vacuum control	yes
Speed control	Turning knob
Speed range [rpm]	285 - 1200
Display	LED
Noise at low. pressure [dB(A)]	54
Material in contact with medium	Al2O3; PTFE; FFPM; PPS; NBR
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]	150 x 375 x 370
Weight [kg]	11.5
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]	130
Power input standby [W]	3