

# VACUUM PUMP SYSTEM SC 950

DATA SHEET E 297



## Technical features

- Remote-controlled for safe operation from outside closed fume hoods
- Automatic, accurate recognition and monitoring of the boiling point using the integrated ramp function
- High recovery rates even with low boiling point solvents
- Integrated gas ballast valve
- Speed-controlled
- Quiet operation
- Sensitive pressure control in the system

## Technical data

Flow rate [m <sup>3</sup> /h] at atm. pressure	3
Flow rate [l/min] at atm. pressure	50
Ultimate vacuum [mbar abs.]	2.0 ≤ 4.0 with gas ballast valve in use
Nominal voltage [V]	100 – 240
Frequency [Hz]	50 – 60
Power P <sub>1</sub> [W]	max. 150
Operating current [A]	max. 1.7
With overcurrent protection and main fuse	

### MATERIALS

Pump head	PPS
Diaphragm	PTFE-coated
Valves	FFPM
Separators	plastic-coated glass

### OTHER DATA

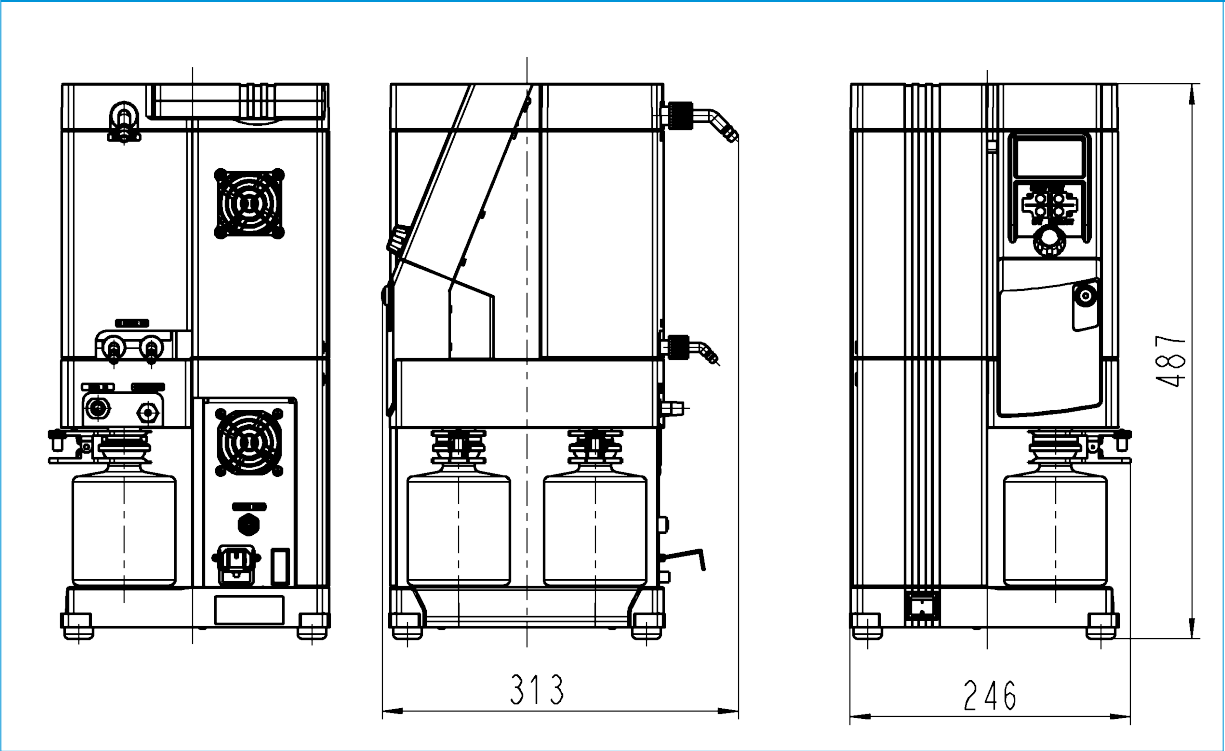
Total weight [kg]	14.5
Hose connections:	
– pneumatic	ID 10
– for coolants	ID 8
– for inert gas	ID 4
Dimensions W x H x D [mm]	246 x 487 x 313
Gas ballast valve	Yes
Size of the separators [ml]	500
USB connection	Mini-USB
Permissible media and ambient temperature [°C]	+5 ... +40

### REMOTE CONTROL UNIT

Quantity	1
Display	LCD
Wireless range	– About 50 m without obstacles – About 10 m through walls
Power supply	Through integrated batteries or included power supply
Battery service life	Up to 12 hours
Charging time	About 7 hours
Operation	Touchscreen/Control knob

## Dimensions

SC 950



ACCESSORIES	ID
Coolant valve – G 1/2, ID 8	117121
Chemical-resistant protective film for remote control's display	117407
Column fixture for remote control unit	120132
Wall fixture for remote control unit	120130
Charging station	129478