

On-Line Degassing System



AG-12

AG-14

AG series

It is important to remove dissolved gases in the solvent. In order to improve the flow rate stability of the pump, which always is of concern for liquid chromatographers, AG series degassing unit offers reliable and trouble-free performance even during continuous operation.



BG-12

BG-14

BG series

Built with the same technology used in AG series, BG series offers larger degassing chambers for higher flow rate (10ml/min). It comes with backlight LCD indicating vacuum level inside chambers in real time.



VG-12

VG-14

VG series

Utilizing a new degassing membrane, this new unit has far superior degassing efficiency in comparison with conventional models. This new degassing model offers the smallest internal volume (305 μ l).



PG-12 PEEK

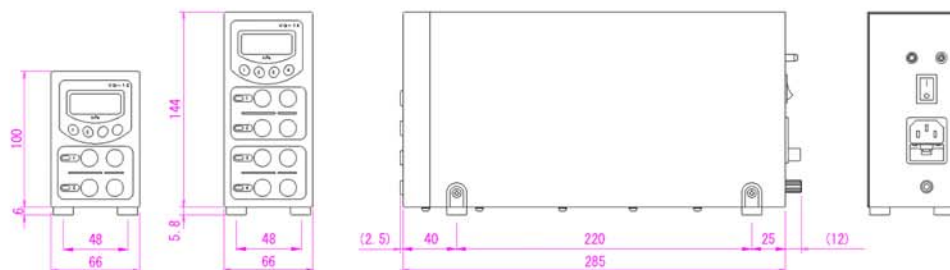
PG series

Built with the largest chambers, this PG series is capable of degassing 50ml/min. It comes with LCD display indicating degassing level in real time.

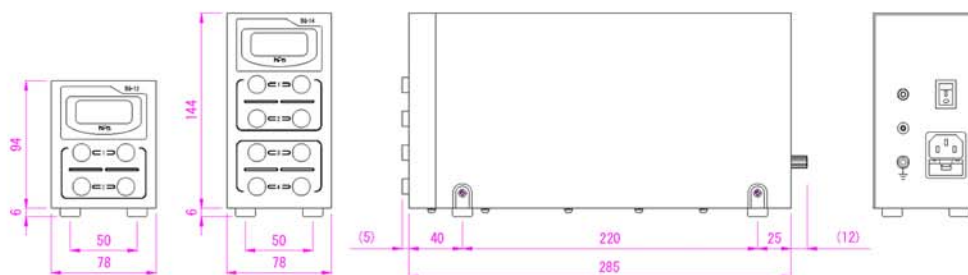
Special Features

- The solenoid assembly eliminates corrosive vapor and protects vacuum pump in continuous operation
- The actual vacuum level is directly measured in the vacuum chamber and is displayed in real time
- A high-powered vacuum pump combined with a CPU controls the vacuum level at 100 hPa (+5 hPa)

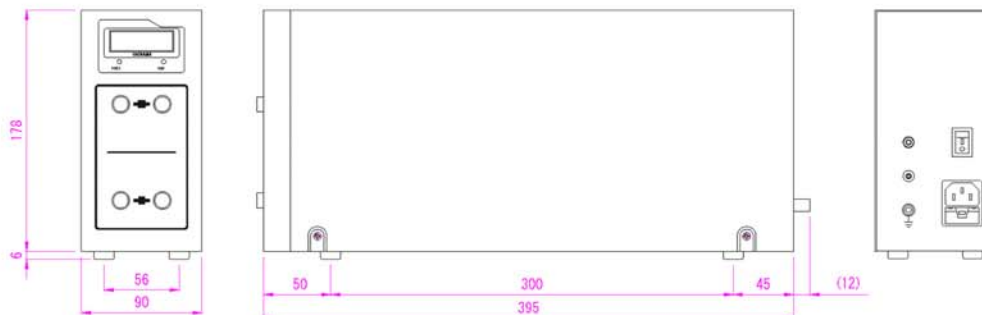
AG/VG series



BG series



PG series



Specifications

Type	MICRO		ANALYTICAL		SEMI-PREPARATIVE		PREPARATIVE			
Model No.	VG-12	VG-14	AG-12	AG-14	BG-12	BG-14	PG-11	PG-12		
Channels	2	4	2	4	2	4	1	2		
Internal Volume	0.305mL		4.835mL		10.461mL		50.0mL			
Maximum Flow Rate	5.0mL/min				10.0mL/min		50.0mL/min			
Vacuum Pump	Plunger pump with automatic cleaning mechanism									
Display Method	Backlight LCD									
Vacuum Method	Vacuum sensor and CPU controlled vacuum level management									
Vacuum Level	100hPa						150hPa			
Control Range	5hPa									
Display Type	Backlight LCD									
Safety Measure	Error detection by vacuum level sensor									
Wetted Material	PTFE, PPS, Chemraz				PTFE, ETFE, PPS		PTFE, ETFE, SUS	PTFE, ETFE, PEEK	PTFE, ETFE, SUS	PTFE, ETFE, PEEK
Dimensions (mm)	100x66x285	144x66x285	100x66x285	144x66x285	94x78x285	144x78x285	180 x 90 x 400			
Weight (kg)	2.0	2.5	2.0	2.4	2.0	2.8	5.5	5.0	6.5	6.0
Voltage	100V 25W / 200V 32W						100V 37W / 200V 46W			
Power Consumption	AC100~240V 50/60Hz									

- The appearance and specifications of the product may be altered without prior notice.
- The photos and illustrations in the catalogue may be slightly different from the actual product due to product improvement, for which your prior acknowledgement is requested.
- Please feel free to contact us for special orders other than the specifications mentioned above.