



AG-12; AG-14

## GASTORR AG series

Designed for visual validation and a long operation life, Gastorr AG models offer backlight LCD display, error signal output and a CPU-controlled air ventilation system.

### FEATURES

- Maximum flow rate of 5mL/min.
- Vacuum level displayed in real time
- Each chamber separated to prevent cross-contamination
- The CPU-controlled ventilation system assuring trouble-free operation
- Equipped with error signal output terminal
- 2 channel and 4 channel models available

Model No.	AG-12	AG-14
Number of Channels	2	4
Internal Volume	4.835ml	
Flow Rate Range	5.0ml/min	
Vacuum Level	100hPa	
Vacuum Control Range	5hPa	
Port Thread Size	No.1/4-28UNF	
Wetted Materials	PTFE, ETFE, PPS, Chemraz	
Dimensions (mm)	100(H) x 66(W) x 285(D)	144(H) x 66(W) x 285(D)
Weight	2.0kg	2.4kg
Power Consumption	AC100~240V 50/60Hz	

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BG-12; BG-14

## GASTORR BG series

Adding to all the functions available to AG models, Gastorr BG models offer the maximum flow rate of 10mL/min for semi-preparative application.

### FEATURES

- Maximum flow rate of 10mL/min.
- Vacuum level displayed in real time
- Each chamber separated to prevent cross-contamination
- The CPU-controlled ventilation system assuring trouble-free operation
- Equipped with error signal output terminal
- 2 channel and 4 channel models available

Model No.	BG-12	BG-14
Number of Channels	2	4
Internal Volume	10.461ml	
Flow Rate Range	10.0ml/min	
Vacuum Level	100hPa	
Vacuum Control Range	5hPa	
Port Thread Size	No.1/4-28UNF	
Wetted Materials	PTFE, ETFE, PPS, Chemraz	
Dimensions (mm)	94(H) x 78(W) x 285(D)	144(H) x 78(W) x 285(D)
Weight	2.0kg	2.8kg
Power Consumption	AC100~240V 50/60Hz	

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VG-12; VG-14

## GASTORR VG series

Suitable for micro flow applications requiring low internal chamber volume. Unused chambers are electronically closable with front-panel switches.

### FEATURES

- Maximum flow rate of 5mL/min with internal volume of 0.305mL
- Vacuum level displayed in real time
- Switches available for closing chambers to prevent vacuum level fluctuations
- Each chamber separated to prevent cross-contamination
- The CPU-controlled ventilation system assuring trouble-free operation
- Equipped with error signal output terminal
- 2 channel and 4 channel models available

Model No.	VG-12	VG-14
Number of Channels	2	4
Internal Volume	0.305mL	
Flow Rate Range	5.0ml/min	
Vacuum Level	100hPa	
Vacuum Control Range	5hPa	
Port Thread Size	No.1/4-28UNF	
Wetted Materials	PTFE, ETFE, PPS, Chemraz	
Dimensions (mm)	100(H) x 66(W) x 285(D)	144(H) x 66(W) x 285(D)
Weight	2.0kg	2.4kg
Power Consumption	AC100~240V 50/60Hz	

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PG-12 (PEEK)

## GASTORR PG series

Maximum flow rate of 50mL/min capable. Available from PEEK or stainless steel chamber connectors.

### FEATURES

- Maximum flow rate of 50mL/min.
- Vacuum level displayed in real time
- Selectable from PEEK or stainless steel for wetted materials
- Each chamber separated to prevent cross-contamination
- The CPU-controlled ventilation system assuring trouble-free operation
- Equipped with error signal output terminal
- 2 channel and 4 channel models available

Model No.	PG-11		PG-12	
Number of Channels	1		2	
Internal Volume	62.0ml			
Flow Rate Range	50.0ml/min			
Vacuum Level	150hPa			
Vacuum Control Range	5hPa			
Port Thread Size	No.1/4-28UNF			
Wetted Materials	PTFE, ETFE, S.Steel	PTFE, ETFE, PEEK	PTFE, ETFE, S.Steel	PTFE, ETFE, PEEK
Dimensions (mm)	180(H) x 90(W) x 400(D)			
Weight	5.5kg	5.0kg	6.5kg	6.0kg
Power Consumption	AC100~240V 50/60Hz			

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Gastorr AG-01

## GASTORR series

### FEATURES

- Ventilation system for removing corrosive gasses
- Space-saving compact design
- Customized chambers available

Product Name	Gastorr AG OEM module	Gastorr BG OEM module	Gastorr VG OEM module	Gastorr PG OEM module
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Refer to page 5 and 6 for specifications



Dual Pump KP-11-13A (PEEK)

## INTELLIGENT PUMP series DUAL PUMP series

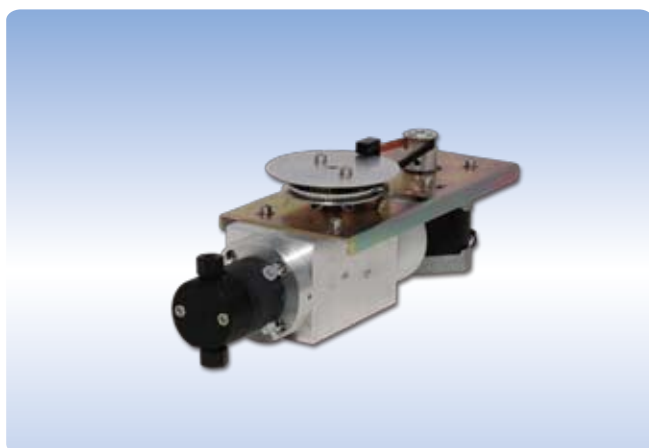
### FEATURES

- For micro, analytical to semi-preparative applications
- Customization available on all FLOM pumps
- UHPLC pumps available upon request

Product Name	Intelligent Pump OEM module	Dual Pump KP-12 OEM module	Dual Pump KP-11 OEM module
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Refer to page 1 and 2 for specifications



PCS Pump SP-11-12 (PEEK)

## PCS PUMP SP series

### FEATURES

- Quick plunger retraction for shorter flow interruption
- Customization available on all FLOM SP pumps

Product Name	PCS Pump SP-12 OEM module	PCS Pump SP-11 OEM module
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Refer to page 3 for specifications