



Last Drop filter/sparger

Low pressure

The Last Drop filter/sparger combines filtration and sparging in a single unit. The PTFE housing contains a mobile phase filter with a stainless steel, PTFE, or hydrophobic PE filter element.

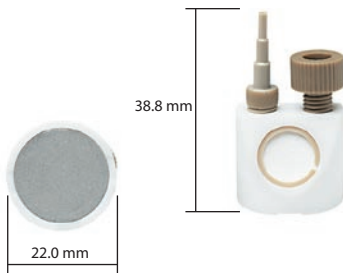
Spargers have a porosity of 10 microns.

The filter/sparger includes:

- PEEK tripod connector which slips into 1.5, 2.2, or 3.5 mm ID solvent lines
- 1/4-28 nut and ferrule for the sparging line

SPECS

- Materials
 - Body: PTFE
 - Frits: PTFE/316 SS/PE
 - Stepped tubing connector: PEEK
 - Nut: PEEK
 - Ferrule: ETFE
- Stepped tubing connector for 1.5, 2.2, and 3.5 mm ID tubing
- PEEK 1/4-28 nut with ETFE ferrule for 1/8" OD tubing



Filter material	Pore size	Maximum flow rate *	Product No.
PTFE	2.5 µm	1.2 ml/min	JR-9000-0602
	5 µm	2.6 ml/min	JR-9000-0603
	10 µm	3.5 ml/min	JR-9000-0604
Polyethylene	10 µm	11 ml/min	JR-9000-0604H
	Stainless	2 µm	28 ml/min
	5 µm	30 ml/min	JR-9000-0641
	10 µm	30 ml/min	JR-9000-0642

Stainless steel mobile phase filter/helium sparger

Low pressure



- Ideal for helium sparging
- Four porosities
- Fitting and pipe connectors

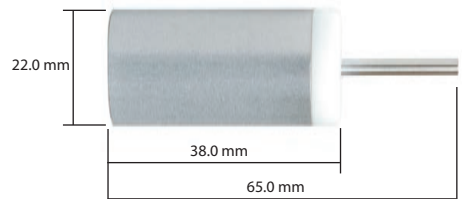
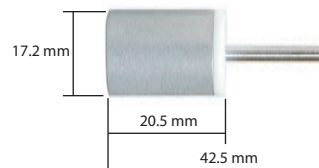
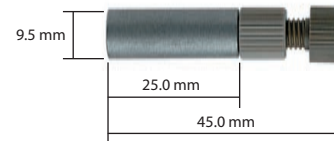
VICI Jour mobile phase filters protect HPLC systems from small particles in the mobile phase. These filters are made from SS316 with PEEK or PTFE connectors and are suitable for most solvents. The complete line has versions for both analytical and preparative applications.

VICI Jour helium spargers (2 µm versions) offer an inexpensive way to prepare and maintain mobile phases free of dissolved gases. Connected to a regulated supply of helium gas (0-400 mL/min.) they effectively remove dissolved oxygen, nitrogen, and other atmospheric gases from the mobile phase.

SPECS

- Materials
 - Body: SS316
 - Pipe: SS316
 - Pipe adapter: PTFE
 - Fitting adapter: PEEK
 - Fittings: PEEK
 - Ferrules: ETFE

Fitting type	Tubing/pipe size	Pore size	Maximum flow rate *	Product No.
1/4-28 fitting	1/16"	2 µm	35 ml/min	JR-367016-2
		10 µm	35 ml/min	JR-367016-10
		20 µm	35 ml/min	JR-367016-20
	1/8"	2 µm	35 ml/min	JR-367008-2
		10 µm	100 ml/min	JR-367008-10
Pipe	1/8"	20 µm	120 ml/min	JR-367008-20
		2 µm	50 ml/min	JR-3675-2
		2 µm	95 ml/min	JR-3678-2
	1/8"	25 µm	100 ml/min	JR-3678-25



TECH TIPS

- We recommend metal free PTFE filters for sensitive biochromatography applications where metal surfaces may corrode or interact with samples.
- We recommend our impermeable tubing to prevent "regassing" of helium-degassed solvents.

RELATED PRODUCTS

Last Drop mobile phase filters 51