

LABO-PURE

LPS • M Type

Major Applications

Lab-scale evaluation of various liquids

Small to medium scale production applications

Related Videos (YouTube)

Click on the QR code to watch the video on You Tube.


[Air Bleeding Method for Labo Pure Capsule](#)

Features

- Polypropylene capsule filter with no housing required
- Seven (7) types of connector options are available.
- Wide selection of built-in filters

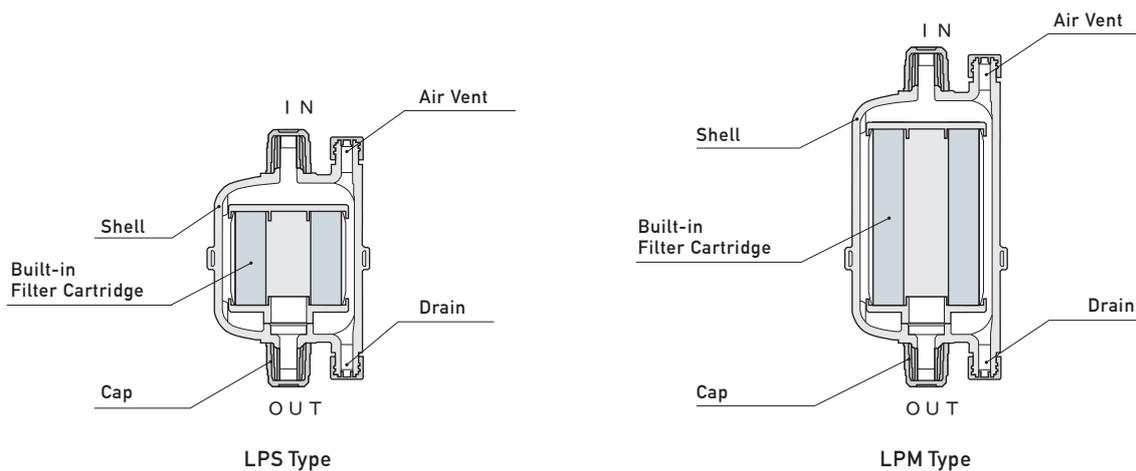
Advantages

- No need to clean housing
- Simple filtration evaluation
- Can be selected according to the use environment.
- Vent and drain available.

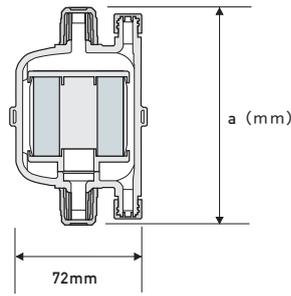
Liquid loss by size

	Built-in filter length	Liquid loss volume
LPA	25mm	132ml
LPB	62.5mm	269ml
LPE	125mm	499ml
LPJ	250mm	957ml
LPS	50mm	127ml
LPM	100mm	218ml
LPX	125mm	532ml
LPD	-	a little

* The amount of liquid is manufacturer calculated value. This value may increase or decrease depending on the type of built-in filter.

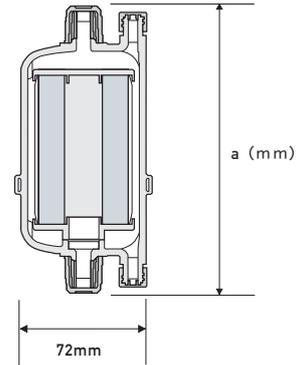
Internal structure


Code and Dimension



L P S Type

Joint code	S 2	S 3	S 6	N 1	H	H 1
a (mm)	105	99	105	110	110	110



L P M Type

Joint code	S 2	S 3	S 6	N 1	H	H 1	F 2
a (mm)	149	143	149	154	154	154	168

Connector options

Joint shape of connectors							
Joint code	S2	S3	S6	N1	H	H1	F2 (For LPM only)
IN/OUT	Swagelok type			NPT 1/4 inch	Hose Nozzle	Hose Nozzle	Flowell 60 series type
IN/OUT Tube	O.D. 1/4 inch	O.D. 3/8 inch	O.D. 6mm	-	I.D. 13mm	I.D. 1/4 inch	O.D. 1/4 inch • 6mm
Vent/Drain	Swagelok type			NPT 1/8 inch	NPT 1/8 inch	NPT 1/8 inch	NPT 1/8 inch
Vent/Drain Tube	O.D. 1/4 inch	O.D. 1/4 inch	O.D. 1/4 inch	-	-	-	-

* Fittings for the capsule are not included.

Specifications

Product type	LPS	LPM
Built-in filter length	50mm	100mm
O.D. of Shell	φ 72mm	
Filter	Refer to the material of the selected inside filter.	
Materials	Shell: Polypropylene Vent Cap: Polyethylene Protective caps for Inlet and Outlet: Polyethylene	
Maximum Operating Pressure	0.39MPa at 20°C (57psi at 68°F)	
Maximum Operating Temp	60°C (140°F)	

* Please remove the protective caps before use. F2 does not have the protective caps.

Ordering Information

<p>Built-in filter length</p> <div style="text-align: center; border: 1px solid black; padding: 5px; margin: 5px 0;"> L P S </div> <p style="text-align: center;">▼</p> <p>S = 50 mm M = 100 mm</p>	<p>Filter Cartridge Product Type</p> <div style="text-align: center; border: 1px solid black; padding: 5px; margin: 5px 0;"> - M P X - </div> <p style="text-align: center;">▼</p> <p>* Please refer to the catalogs and specify the part number. (Some part numbers are not available.)</p>	<p>Micron Rating</p> <div style="text-align: center; border: 1px solid black; padding: 5px; margin: 5px 0;"> 0 1 2 </div> <p style="text-align: center;">▼</p> <p>* For Micron rating, please refer to each filter catalog.</p>	<p>Joint code</p> <div style="text-align: center; border: 1px solid black; padding: 5px; margin: 5px 0;"> - S 2 </div> <p style="text-align: center;">▼</p> <p>S2 N1 S3 H S6 H1 F2 * For LPM only</p>
---	--	---	--

* The contents of the catalog are subject to change without notice.
 * When used for filtration of organic solvents, antistatic measures may be required.
 * The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

ROKITECHNO MIRAI CO., LTD.

6-20-12, Minami-Oi, Shinagawa-ku Tokyo, 140-0013 Japan

TEL: +81-3-5764-1131 FAX: +81-3-5764-0681

www.rotechno.com

For our technical information, please click here. ▼



Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope
 Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.



19th Issue
 rev.02

LPS_LPM210326E