

LABO-PURE

LPD Type

Major Applications

Lab-scale evaluation of various liquids



Features

- Polypropylene capsule filter with built-in disc filter media
- Four (4) types of connector options are available.
- Wide selection of built-in filters

Advantages

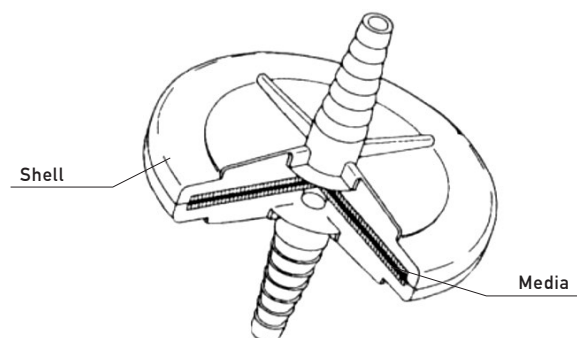
- Ideal for filtration of very small volumes
- Can be selected according to the use environment.
- Filters can be selected according to the purpose.

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



Connector options

Joint shape of connectors				
Joint code	H	E	B	L
IN/OUT	Hose Nozzle	Fitting Type	R1/8	Luer Type
IN/OUT Tube	I.D. 8 to 11 mm	O.D. 6mm, I.D. 4mm	-	-

Specifications

Shell length	75mm
O.D. of Shell	70mm
Effective filtration area	21.2cm ²
Media	Refer to Ordering Information
Materials Shell (Capsule)	Polypropylene
Maximum Operating Pressure	0.39MPa at 20°C (57psi at 68°F)
Maximum Operating Temp	60°C (140°F)

Ordering Information

Product Type

LPD

Filter Cartridge
Product Type

- M P X -

Filter Product Type	Media
MPX, CLP	Polypropylene
TPR, CLN	Nylon
CTA	Hydrophobic PTFE Membrane
CTB	Hydrophilic PTFE Membrane
CES, CER	PES

Micron Rating

0 1 2

* For Micron rating, please refer to each filter catalog.

Joint code

- E

H = Hose Nozzle *1
E = 6 x 4 Tube *2
B = R 1/8
L = Luer Type IN : Female Luer Lock
OUT : Luer Slip

*1 「H」: Inner diameter 8 to 11 mm
*2 「E」: A tightening nut is required.
Please inquire about tightening nut.

Order unit: 50 pcs/box.

Please contact us for other part numbers and questions.

*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.

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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.



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