

## Ez-Change™ XS

Capsule Filter Cartridge

(Liquid loss reduction)  
(Filtration for small volume)

Ez-Change™ XS Capsule Filter Cartridge and Housing are evolutionary filter and housing that solve problems such as “time and effort in exchanging filters”, “Dripping of liquid”, “cleaning when exchanging filters” and “complicated filter setting” which are the weak points of conventional filter cartridges.

Ez-Change™ XS Capsule is suitable for Labo-scale filtration or Low volume filtration.

### Features

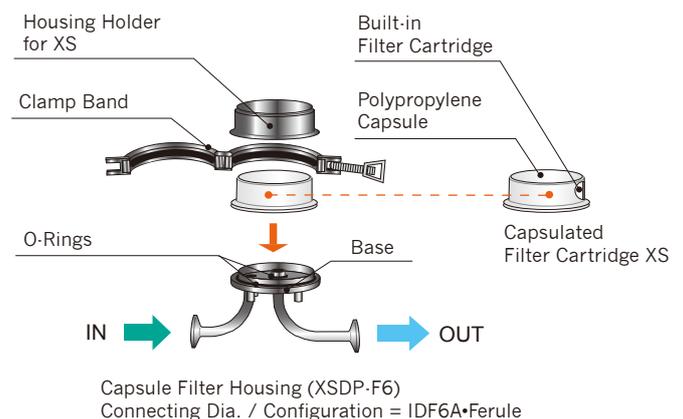
- By covering the filter cartridge itself by the capsule made of polypropylene, the liquid inside the capsule will not be exposed outside. An improvement of work environment is possible.
- Since Ez-Change prevents operators from direct contact with liquid harmful to the human at the time of filter exchange, Ez-Change realizes easy and safe filter change.
- Since Ez-Change has a simple design, It allows operators to set a filter for certain and without error.
- The clearance in the XS capsule is minimized, comparing with the conventional cartridges or other types of capsule, the loss of liquid is highly minimized.



### Applications

- Small quantity batches of various coating liquids
- Expensive liquids such as metal paste
- Precious liquid which can be prepared only in small quantity
- Small quantity batches in labo-scale

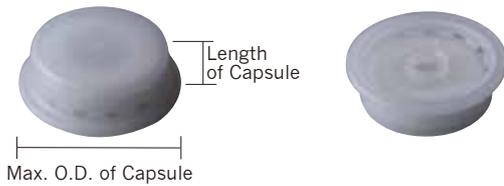
### Construction



## Capsule filter cartridge Lineup & Specification

### XS (One-touch change & Liquid loss reduction)

Loss of liquid in the capsule: approx. 42ml



### Capsule Filter Cartridge Specification

Product type	XS
Nominal length of built-in filter cartridge (mm)	20
No. of built-in filters	1pc
Length of capsule (mm)	30
Max. O.D. of capsule (mm)	φ91
Capsule material	Polypropylene
Max. operating temperature	40°C

## Capsule filter cartridge Ordering Information

**20L**

[Nominal Length of Built-in Filter Cartridge]

20 = 20m

**SHP**

[Product Type of Built-in Filter Cartridge]

\* Selectable from the catalogs for different filter cartridges labeled as below.

**030**

[Micron Rating]

**XS**

[Product Type of Built-in Filter Cartridge]

XS



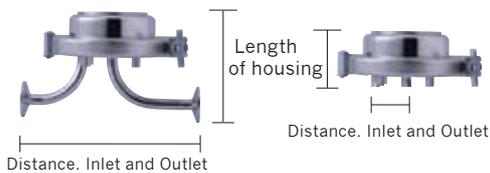
**Ez-Change™**  
Capsule Filter Cartridge  
This product can be installed in the Capsulate Filter "Ez-Change". Please refer to the Ez-Change catalog in detail.

There is the product which I cannot put on partly. Please refer in detail.

## Capsule filter housing Specification

### XSDP

(For XS capsule)



[XSDP-F6]

[XSDP-P8]

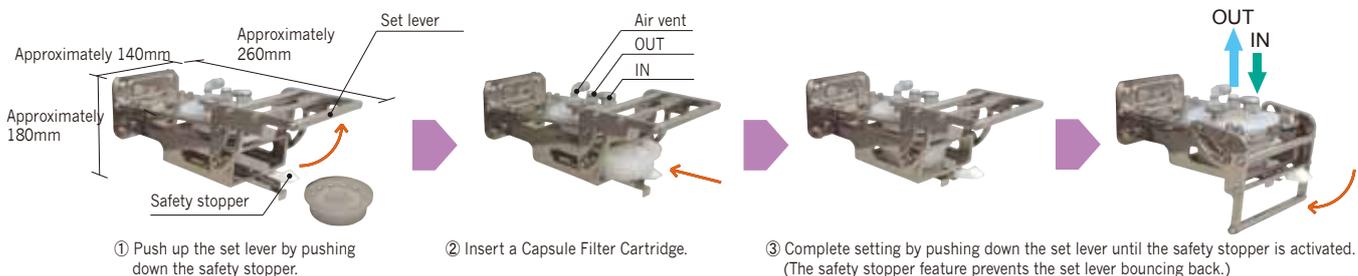
### Capsule filter housing Specification

Product type	XSDP		XSES
	F6	P8	
Corresponding encapsulated filter cartridge type	XS		
Nominal length of built-in filter cartridge (mm)	20		
No. of built-in filters	1pc		
Length of housing (mm)	103	59	-
Distance. Inlet and Outlet (mm)	164	27	27
Connecting diameter / configuration	IDF6A-Ferrule	Rc1/4	Rc1/4
Housing material	SUS304		SUS304 (Liquid contact area : Polypropylene)
O-Ring material	EPDM / Silicone / NBR / FKM / Per Fluorocarbon		
Designed pressure (housing)	0.98MPa		0.39MPa
Designed temperature (housing)	40°C		

\* Please contact us for further information on specifications connecting diameters, configurations, dimensions and units other than above.

### XSES

XSES is a very compact filter changer unit which enables the XS Capsule Filter Cartridge to be easily removed and set in one-touch action.



## Capsule Filter Housing Ordering Information

**XSDP**

[Housing Type]  
XSDP

[Unit Type]  
XSES

**E**

[O-Ring]

E = EPDM  
S = Silicon  
N = NBR  
V = FKM  
F = Per Fluorocarbon

**F6**

[Connecting Dia. / Configuration]

P8=Rc1/4  
F6=IDF6A-Ferrule  
\*Only P8(Rc1/4) available for XSES

\*The contents of the catalog is subject to change without notice.