

## CAPSULE SYSTEM

- CLEAN
- SAFE
- EFFICIENT
- COST REDUCING

The Roki Capsule is probably one of the most innovative products for liquid filtration. The idea is to prevent the operator from coming into contact with the cartridge when changing the filters. Originally the main application was magnetic media (audio & video tapes) that use strong solvents in their formulation. Roki developed this rigid type capsule and installed a filter element in it. In this way the operator would no longer have any direct contact with the liquid, and solvent evaporation into the working environment would be drastically reduced.

Other advantages are:

1. Reduction of liquid loss when changing filters = less product waste = greater efficiency.
2. Prevention of operator error since the capsule can only be installed in one way.
3. Fast = no need to clean the inside of the housing.

Today Roki has a wide range of capsule sizes, with or without Air-Vent. Roki capsule systems have found users in many different areas such as: Magnetic Coatings, Paints, Inks, Digital Media, Photographic Films, Medical Imaging Products. We can also provide housings that are intended just to give mechanical support to the Polypropylene Capsules so that they can be used at working pressures of up to 7 bar.



## SIDP



- Designed for XB and AB capsules
- XB & AB capsules have 1 filter element installed
- Low hold-up volume
- 4 different capsule sizes ensure optimal filter size selection in function of flow rate, viscosity and batch size

Sizes: 62.5, 125, 250 and 500

## SMDP



- Designed for XB and AB capsules
- XB & AB capsules have 1 filter element installed
- Low hold-up volume
- 2 different capsule sizes and 3 capsule positions allow you to use the optimal filter size in function of flow rate, viscosity and batch size

Sizes: 250 and 500

## Dummy



- A dummy can be used to close off capsule positions

## MIDP



- Designed for XW and AW capsules
- XW & AW capsules have 7 filter elements installed in one capsule
- Lowest hold-up volume
- 4 different capsule sizes ensure optimal filter size selection in function of flow rate, viscosity and batch size

Sizes: 125, 250, 500 and 750

	XB	AB	XW	AW
Filter elements per capsule	1	1	7	7
Air Vent		√		√
62.5L	√	√		
125L	√	√	√	√
250L	√	√	√	√
500L	√	√	√	√
750L			√	√

	Material
Capsule Shell	Polypropylene
Check Valve	Polypropylene
Check Valve Spring	SUS 304
O-rings Standard	EPDM
O-rings Optional	Viton, Silicone

With the reservation that product development might cause changes of specifications. Data sheet made February 2004.

### Manufacturer

**ROKI Techno Co.,Ltd**  
6-20-12 Minamiohi, Shinagawa-Ku  
Tokyo 140-8576, Japan

[www.rokitechno.co.jp](http://www.rokitechno.co.jp)

### European Importer

**IK Inabata Europe S.A.**

Avenue Louise 326 Bte 18  
1050 Brussel, Belgium  
Tel. +32(0)2-643 40 67  
info@roki-europe.com

[www.roki-europe.com](http://www.roki-europe.com)

### Distributor