

● For Ion Chromatography Analysis Disposable Membrane Filter Unit “DISMIC®”

13HP020CN • 045CN



For Ion Chromatography Analysis Disposable Membrane Filter Unit "DISMIC®"

13HP020CN·045CN

Features

- Minimal elution from membrane and housing ensures low background.
- Superior chemical resistance affords compatibility with acids, alkalis and organic solvents.
- Suitable for filtration of aqueous and organic solvents.
- Packed individually to minimize contamination.

Specifications

	13HP020CN	13HP045CN
Pore Size	0.20µm	0.45µm
Membrane Material	PTFE, hydrophilic	
Housing Material	Polypropylene	
Filtration Area	0.9 cm ²	
Pressure Limit	0.39MPa (25C°)	
Maximum Operating Temperature	60C°	
Hold-up Volume	≤0.03mL	
Connections	Inlet : Female Luer- Lock Outlet : Male Luer Slip	
Applicable Liquid	Aqueous solutions, Organic solvents	
Sterilization	Non Sterile	
Packaging	50 Blister packs/ box	



Negative ion elution comparison

	(µg/L)						
	F ⁻	Cl ⁻	NO ₂ ⁻	Br ⁻	NO ₃ ⁻	PO ₄ ³⁻	SO ₄ ²⁻
13HP020CN	ND	16.0	ND	ND	ND	ND	ND
13HP045CN	ND	10.2	ND	ND	ND	ND	ND
A company filter unit	ND	56.6	ND	ND	7.6	ND	35.6
B company filter unit	ND	22.6	ND	ND	ND	ND	ND
C company filter unit	ND	14.0	ND	ND	90.4	ND	88.6

Test Conditions : Analyzed by Ion Chromatography 0.6mL sample of initial filtrate of pure water through filter.
 ND : Less than detection limit.

 Do not incinerate	CAUTION ● Do not incinerate the product. When you dispose of this product, follow corresponding regulations.
-----------------------	---

- Specifications listed in this catalog represent values in effect at the time of printing and are subject to change without notice.
- ADVANTEC is trademark/registered trademark in Japan and other countries of Toyo Roshi kaisha, Ltd. and its group companies.

Toward the Future of Science
ADVANTEC®

ADVANTEC TOYO KAISHA, LTD.

Overseas Trade Division

Hibiya-Kokusai BLDG 5F, 2-2-3, Uchisaiwaicho, Chiyoda-ku,

Tokyo, 100-0011 Japan

Phone: +81-3-5521-2160 Fax: +81-3-5521-2182

URL: <https://www.ADVANTEC.co.jp/en/>

E-mail: info-shohin@ADVANTEC.co.jp

139-E-04-20060