

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

13HP020CN • 045CN



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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.
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- Specifications listed in this catalog represent values in effect at the time of printing and are subject to change without notice.
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