

UMH series

Describe:

The high density structure design of UMH series folding filter core makes it have larger membrane area and higher filtration flux than ordinary folding filter core. The absolute filtration accuracy ensures the stable filtration effect. It has larger filtration area and longer service life when filtering the high purity reagent, especially suitable for the high purity reagent filtration. Wide chemical compatibility, can filter various acids, bases and solvents.

Features:

High density design, high filtration flux, long life

Absolute filtering precision ensures stable filtering effect and 99.9% interception rate has excellent impurity filtering ability

Wide chemical compatibility, can filter various acids, bases and solvents

Application area:

High purity reagent filtration

High purity water filtration

Prefiltration of biological products

High precision and high concentration product filtration

Technical parameters:

Outer diameter	2.7 "
Filter area	0.5-0.6m ² /10 "
Sealing ring material	Fluorine rubber, silicon rubber, ethylene - propylene rubber
filter material	polypropylene
Guide layer material	polypropylene
Filtration precision (μm)	0.1,0.22,0.45,1,2,5,10,20
Entrapment efficiency	99.9%

Filter length	10 " , 20 " , 30 " , 40 "
Interface adaptation code	226 接口（三脚架/翅片/平封），222 接口（三脚架/翅片/平封），226 接口（不锈钢衬/三脚架），222 接口（不锈钢衬/三脚架），两端通 DOE
Internal skeleton material (center rod)	Reinforced polypropylene
End cover material	Reinforced polypropylene
External skeleton material (shell)	Reinforced polypropylene
Maximum operating temperature	80°C
Maximum working pressure (21°C)	4.0bar
Maximum working press (80°C)	2.6bar
Disinfection temperature time	121°C, 30 minutes each time
Mobile hot water sterilization	85°C, 30 minutes each time

Order information:

Series no.	Core diameter	Filter material	Filtration precision	Filter length	Sealing ring material	Interface form
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UMH	2.7 "	PP=polyp ropylene	0010=0.1μ m	10=10 " 20=20 " 30=30 " 40=40 "	V=fluorine rubber S=silicone rubber E=ethylene propylene rubber	C1=226 接口 (三脚架)
			0022=0.22μ m			C2=226 接口 (翅片)
			0045=0.45μ m			C3=226 接口 (平封)
			0100=1μm			C4=226 不锈钢衬 (三脚架)
			0200=2μm			C5=222 接口 (三脚架)
			0500=5μm			C6=222 接口 (翅片)
			1000=10μm			C7=222 接口 (平封)
			2000=20μm			C8=222 不锈钢衬 (三脚架)
						C9=两端通 (DOE)