

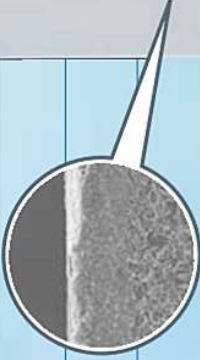
**MEIDEN**

# **Ceramic Membrane Unit**

CERAMIC

*Empower for new days*

## Specifications of ceramic membrane element

Model	CH250-1000E01K-5NA	Cross section of membrane
Membrane type	Flat-sheet	 SEM Image
Filtration	Out-In filtration	
Material	Ceramic part: Alumina Water collector: PVC	
Pore size	0.1 $\mu\text{m}$	
Dimensions	W261 $\times$ H1046 $\times$ T 6 mm	
Weight (dry)	2.2 kg	
Membrane area	0.5 $\text{m}^2$	
Pure water permeability	40 $\text{m}^3/(\text{m}^2\text{-d})$ (100 kPa, 25 $^\circ\text{C}$ )	
Particle removal	$\geq 95\%$ for 0.1 $\mu\text{m}$ particles.	
Operating pH	2 - 12	Ceramic membrane
Max operating temperature	80 $^\circ\text{C}$	

Ceramic Membrane Element

261mm

Water Collector

1046mm

6mm

Ceramic membrane