

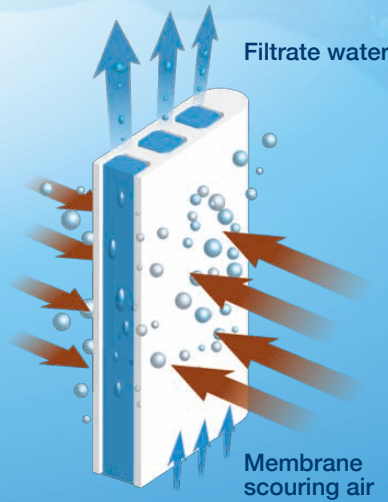
# Ceramic Flat Sheet Membrane





# Ceramic Flat Sheet Membrane

Produces high quality effluent and contributes to the effective reuse of water resources.



## Advantage

### Stable filtration performance and high effluent quality.

#### High durability

- Effective for long use in various type of water treatment due to high resistant to chemicals and heat.

#### Maintenance saving

- Daily maintenance routines can be reduced through the use of backwash and automated on-line chemical cleaning.
- Membranes ship dry and store dry.

#### High recoverability

- Deposited contaminants are easily removed due to the smooth and hydrophilic membrane surface.
- Membrane performance can be maintained for a long time by using physical and chemical cleanings.

#### Multi purpose

- Applied to various industrial wastewaters.
- Applied to liquid and solid separation of abrasive solids and concentrates.

## Certification

### Acquired major certifications due to reliable performance and high quality control.

JWRC Certification of Water Treatment Equipment

AMST Certification of Modules for Drinking Water Use

CA DDW Title 22

NSF61

NSF419

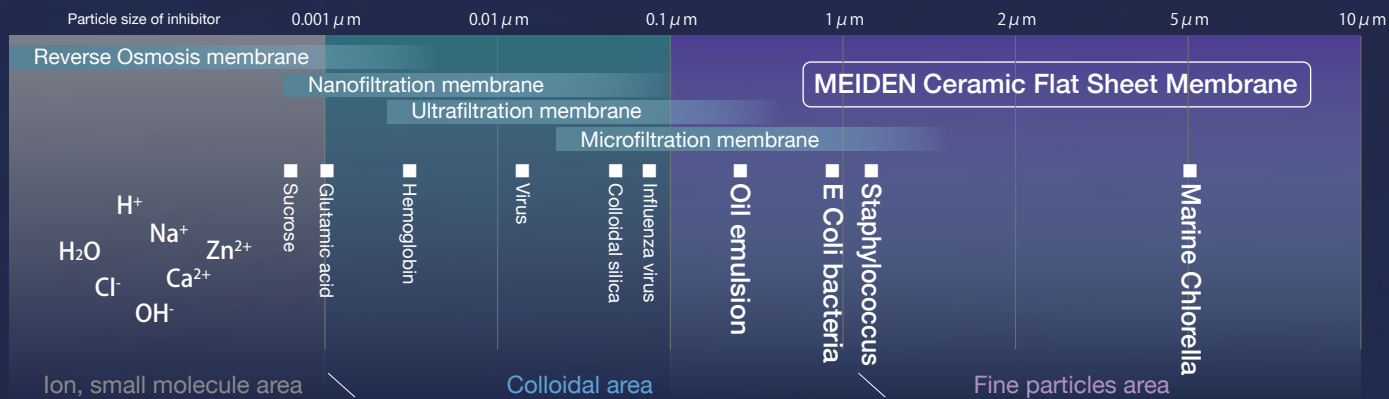
Application field

Certified membrane indicating the high quality of the ceramic membrane. Capable for various types of water treatment applications.

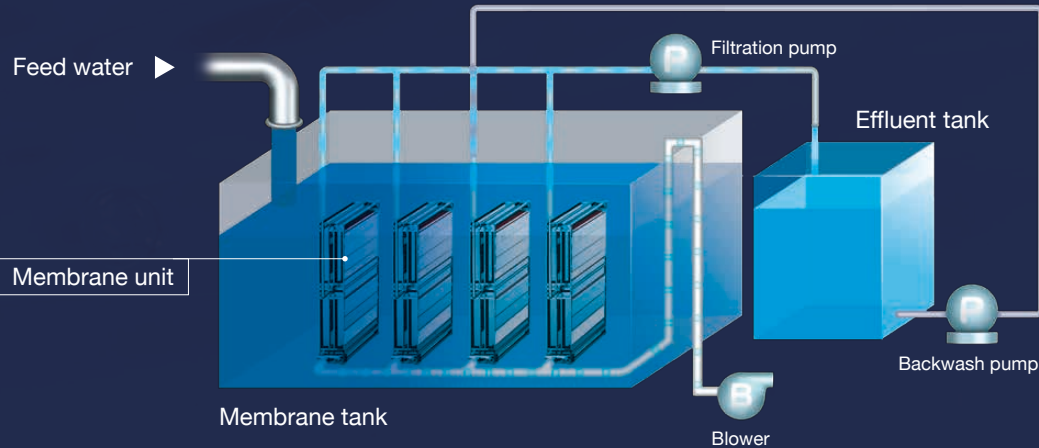


## Particle filtration chart

Ceramic membrane capable of removing E.Coli bacteria and fine particles



## Filtration flow





## Main Installations in countries around the world

● Drinking water      ● Industrial wastewater  
● Municipal wastewater      ■ Sales base



Municipal drinking water plant



Municipal wastewater treatment plant



Industrial wastewater treatment plant



## Product specifications

### Ceramic membrane element

Model	<b>CH250-1000E02K-5NA</b>
Membrane type	Flat-sheet
Filtration	Out-In filtration
Material	Ceramic part: Alumina
Pore size	0.1μm
Dimensions	W281×H1046×T12 mm
Weight(dry)	1.8kg
Membrane area	0.5m <sup>2</sup>
Pure water permeability	40m <sup>3</sup> /((m <sup>2</sup> ·d) (100kPa, 25°C)

### Ceramic membrane unit



Model	<b>CH250-1000TM100-U1DJ</b>
Number of ceramic membrane element	200pieces
Membrane surface area	100m <sup>2</sup>
Dimensions	W2060×H1734×D720 mm
Weight(dry)	630kg
Model	<b>CH250-1000TM100-U2DJ</b>
Number of ceramic membrane element	400pieces (Double stack)
Membrane surface area	200m <sup>2</sup>
Dimensions	W2116×H3280×D720 mm
Weight(dry)	1185kg

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