

# MEMBRANE FILTRATION PILOT TESTING BENCH WITH 21 CERAMIC MEMBRANES

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FABRICANT : Esperanto Environnement

MODÈLE : Customized

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## Characteristics

- Filtration system with three chambers holding 7 ceramic membranes (measuring 110 cm in length by 2.5 cm in diameter)
- Filtration capacity: 150 to 200 L per hour
- 600 L double-walled tank connected to a cooling system
- Pre-filter
- Maximum pump capacity: 3500 rpm (8 horsepower)

## Samples

- Liquids (effluents, residual liquids, fluids, waste liquids, liquids generated by chemical processes, etc.)
- Volume of samples that can be treated: 1000 L

## Examples of applications

- Separating the nanoparticles of dissolved salts to characterize their nanoparticle contents
- Concentrating nanoparticles or other nanomaterials
- Purification of industrial effluents
- Separation, concentration and purification of molecules (organic or inorganic)
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## Other pilot test benches available

- Filtration system with 7-membrane chambers or one ceramic membrane (measuring 110 cm in length by 2.5 cm in diameter).