

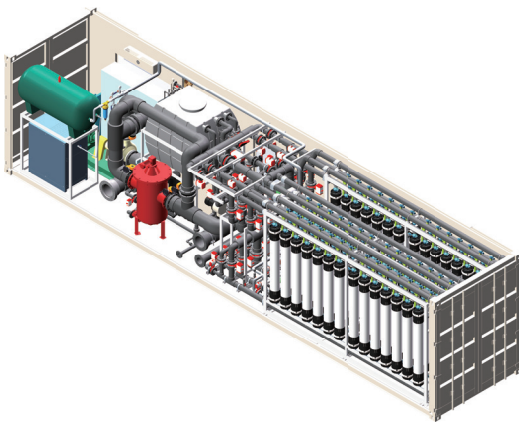
EasyIns® Mobile Water Treatment System

High-integrated and Economical micro-polluted water purification and water Safety Guarantee system

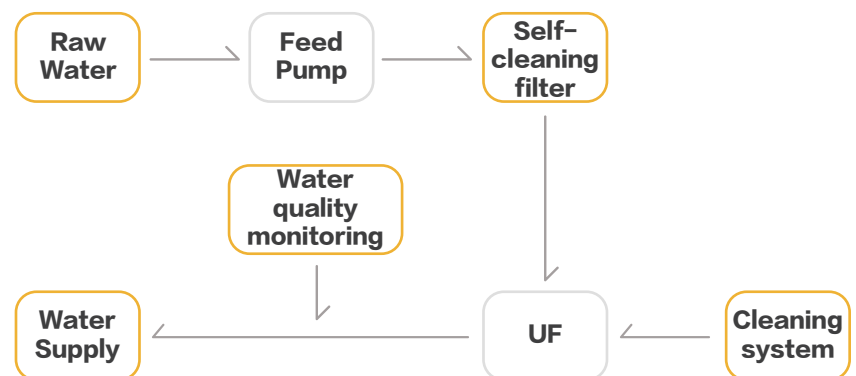
EasyIns® Mobile Water Treatment System (MWTS), which is designed and manufactured by Scinor, is one of the most sophisticated integrated water treatment equipment using membrane in the world. Relying on Scinor TIPS PVDF UF modules as the core component, it can guarantee the safety water supply by effectively removing the microorganisms, bacteria, viruses and so on.

Due to the containerized design, it has the advantages of small footprint, easy transportable and installation, ready-to-use on-site and so on. As human-computer interaction design of the PLC system, it could be completely automatic operated, including data logging and remote monitoring.

The applications are broad, including underground water, river, lake, seawater and other kinds of surface water, also the advanced treatment of wastewater, emergency relief water supply and many other fields.



System Process



Characteristics and Advantages

· Fully-integrated

Well equipped
Full-function and Well equipped
Shorter installation time

· Compact design

Small footprint
Easy installation and maintenance

· Modularized System

Easy to increase capacity
by adding multi-modular containers
Optimal for decentralized applications

· Intelligent human-machine interface system

Automatic operation
Automated Data Analysis
Remote monitoring and fault alarm

Specifications

Model	EI-MWTS-2000	EI-MWTS-7500
Filter Type & Material	Pressurized UF Module, PVDF material fiber with TIPS making process	
Capacity* (m ³ /d)	2,000	7,500
Container Type	20GP	40HQ
Shipping Weight (ton)	8	19
Operating Weight (ton)	10	25
Installed Power (kW)	70	120
Power Requirement	AC380 V±10%, 50Hz (Other inputs could be customized)	

Operating Conditions

Operating Parameters	Temperature (°C)	1 – 40
	Max TMP (MPa)	0.3
	Max NaClO tolerance (ppm)	5,000
	Max Backwash Pressure (MPa)	0.2
	pH range during operation	1 – 11
	pH range during CIP	1 – 13
Filtered Water Parameters*	Turbidity (NTU)	≤ 0.1
	E.Coli Removal (SDI ₁₅)	≤ 3.0
	Bacteria (more than 0.1 micron) removed rate (LRV)	≥ 6 log

Note: * System capacity and filtered water parameters depends on the raw water quality and operating conditions.



River Water



Underground Water



Wastewater



Seawater

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