

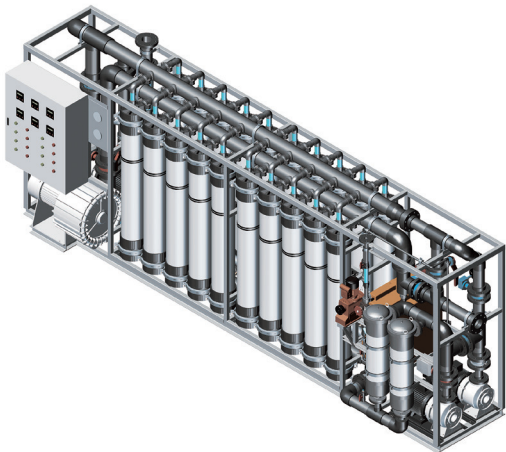
EasyIns® Ultrafiltration Unit System

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

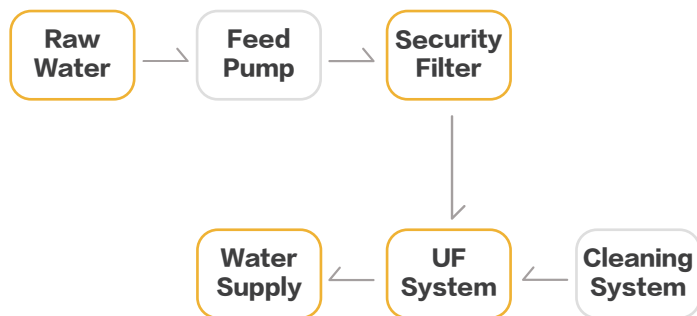
EasyIns® Ultrafiltration Unit System (UFUS), which is designed and manufactured by Scinor, is a high-integrated and economical micro-polluted water purification system. Relying on Scinor TIPS PVDF UF modules as the core component, it can guarantee the safety water supply by effectively removing the bacteria, viruses and so on.

Using simple modular design, it has the advantages of small footprint and very trans-
portable, easy installation and ready-to-use on-site, reliable operation and so on.

The applications are broad, including drinking water purification, surface water treat-
ment, seawater desalination pretreatment, emergency relief water supply, technical
verification of engineering design and many other fields.



System Process



Characteristics and Advantages

· Highly economical

Cost-effective
Lower cost of construction and maintenance
Lower transport cost

· Compact Design

Small footprint
Easy installation and maintenance

· Fully-integrated

Well equipped
Full-function and Well equipped
Shorter installation time

· Intelligent design

Simple operation
Automatic operation
Remote fault alarm

Specifications

Model	EI-UFUS-150	EI-UFUS-300	EI-UFUS-600	EI-UFUS-900	EI-UFUS-1200	EI-UFUS-1500
Capacity (m ³ /d)*	150	300	600	900	1,200	1,500
Dimension (LxWxH m)	2.00x1.15x2.10	2.30x1.2x2.10	3.90x1.35x2.20	4.50x1.35x2.20	5.10x1.35x2.20	5.70x1.35x2.20
UF Module	SMT600-P52					
Module Quantity	2	4	8	12	16	20
Rack Packing Weight (kg)	650	760	1,260	1,550	1,760	1,900
Module Packing Weight (kg)	200	390	780	1,170	1,560	1,940
Operating Weight (kg)	800	1,100	2,050	2,650	3,250	3,700
Installed Power (kW)	8.5	10	15	22	30.5	34
Power Requirement	AC380 V±10%, 50Hz (Other inputs could be customized)					

Operating Conditions

Operating Parameters	Temperature (°C)	1 – 40
	Operating flux (L/(m ² ·h))	25 – 70
	Backwash flux (L/(m ² ·h))	30 – 80
	Air Scour flow (Nm ³ /h-module)	7 – 12
	Max TMP (MPa)	0.2
	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

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



Seawater



River Water



Lake Water



Underground Water

Disclaimer

The information provided in this bulletin contains merely general descriptions to illustrate product characteristics or parameter. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use. Scinor assumes no obligation or liability for the information in this document if applied data come out deviations based on the mentioned above.