

Water Purification System

EVO-UP Water Systems



FEATURES :

- Model :Evo-UP produce Type I grade water satisfies the regulations of ASTM, ISO3696, CLSI, EP and USP.
- The produced water can be utilized for precision analysis instruments, such as HPLC, AAS, ICP-MS, LC-MS in any analytical laboratories and also for Electrochemical analysis, TOC analysis, Molecular Biology, Semiconductor manufacturing.
- By utilizing multiple (maximum 3 units) dispensers, final filters can be selected by application field, water to produce free of Bacteria, particles, endotoxins (Pyrogens) and heavy metals. In addition, it is possible to feed necessary quantity of Ultra-Pure Water.
- The 4.3" wide graphic display enables real-time identification of quality and TOC value of pure and ultra-pure water, filter pack utilization condition and level of storage tank.

Specifications :

Model No.	EVO-UP Dio BA	EVO-UP Dio UV	EVO-UP Dio UF	EVO-UP Dio VF	EVO-UP Dio UT	EVO-UP Dio VFT
Flow Rate(Upto) -(L/min)	2.0	2.0	2.0	2.0	2.0	2.0
Product Quality						
-Resistivity (at 25°C),MΩ-cm	18.2	18.2	18.2	18.2	18.2	18.2
-TOC (ppb)(μg/L)	<10	<5	<10	<5	<5	<5
-Particles (0.2μm), EA/ml	<1	<1	<1	<1	<1	<1
-Bacteria, cfu/ml	<1	<1	<1	<1	<1	<1
-Endotoxin, EU/ml	-	-	<0.001(*)	<0.001(*)	-	<0.001(*)
-Rnase, ng/ml	-	-	<0.01(*)	<0.01(*)	-	<0.01(*)
-Dnase, pg/μl	-	-	<4(*)	<4(*)	-	-
-PH	1-14(**)	-	-	-	-	1-14(**)
System Monitoring & Display	<ul style="list-style-type: none"> • Resistivity (at 25°C) • Protection for low feed water quality • Protection for High-temp. feed water • Protection for low product quality • Volumetric time setting for S-Dispenser 			<ul style="list-style-type: none"> • Pack exchange reminder • UV Lamp exchange reminder (UV Model) • TOC Monitoring (TOC Model) • Ph Monitoring (PH Model) 		
Utilities	120/240V, 50/60Hz, 1.6A					
-Electrical Power	120/240V, 50/60Hz, 1.6A					
-Dimension Main Unit / S-Dispenser	W350 × D430 × H520 (mm) / W235 × D180 × H635 (mm)					
-Operating Weight Main Unit / S-Dispenser	20~22.5kg / 5.0kg					
Standard Accessories	<ul style="list-style-type: none"> • 1 Dio-PackI • 1 Dio-Biopack (UF Model) 		<ul style="list-style-type: none"> • 1 Dio-UV Lamp (UV Model) • 1 Final Filter, 0.2μm 		<ul style="list-style-type: none"> • 1 Dio-PackII • 1 TOC Monitor (TOC Model) 	
Optional Accessories	<ul style="list-style-type: none"> • Printer for data output 					

(*) with Dio-UF Pack

(**) with PH Sensor

At any time, the manufacturer may bring modifications to the model above described, for technical or commercial reasons. The picture does not necessary shows the product in the standard version.

Water Purification System

Expe-UP Water Systems



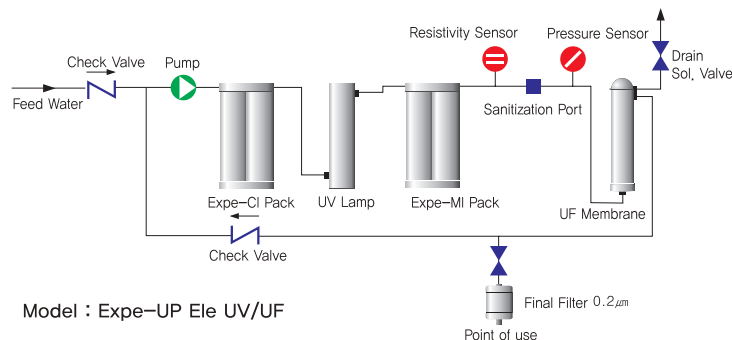
Features

- Produces the ASTM water Grade
- Wide Graphic LCD Display
- Easy to use and convenient maintenance
- Volumetric time setting
- Reliable & Desired water quality
- ISO9001, ISO14001 and certified CE and NEP

Specifications

Model No.	Expe-UP Ele	Expe-UP Ele UV	Expe-UP Ele UF	Expe-UP Ele UV/UF
Flow Rate(Upto)	2.0L/Min	2.0L/Min	2.0L/Min	2.0L/Min
Product Quality				
-Resistivity (at 25°C), MΩ-cm	18.2	18.2	18.2	18.2
-TOC (ppb)	5-10	1-5	5-10	1-5
-Particles (0.2µm), EA/ml	<1	<1	<1	<1
-Pyrogen, Eu/ml	-	-	< 0.003	< 0.003
-Bacteria, cfu/ml	<1	<1	<1	<1
-Inorganics (ppb)	<0.05	<0.05	<0.05	<0.05
Display	Wide Graphic LCD (128x64 digits)			
System Functions & Monitoring	<ul style="list-style-type: none"> • Volumetric time setting • Protection for low water quality • Filter pack exchange message • UF Membrane exchange message(UF Model) • Current time & temp. 		<ul style="list-style-type: none"> • Resistivity (at 25°C) • Protection for high temp. & feed water • UV lamp exchange message (UV Model) • Sanitization reminder (UF Model) 	
Utilities	120/240V, 50/60Hz, 1.6A			
-Electrical Power				
-Dimension	W350 × D490 × H510 (mm)			
-Operating Weight	20kg	21.5kg	21kg	22.5kg
Standard Accessories	• 1 Expe-CI Pack 0.2µm Final Filter	• 1 Expe-MI Pack 0.2µm Final Filter UV lamp	• 1 Operation manual 0.2µm Final Filter UF Membrane	• 1 Power cable & tubing kit 0.2µm Final Filter UF Membrane UV Lamp

Flow Diagram



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