

Puris® Water Purification System

Puris® Expe Series



Puris® Expe Series are the only products in Korea, which are being exported with verified water quality, its superior functions and international sense of design competing with world renowned makers.



Product water quality

Its ultrapure water and technology has been verified at a close comparative test with international top-level products. And the products have been officially accredited for the first in Korea and registered as a New Excellent Technology (NEP: Certification no. NEP-MOCIE-2006-012) of the Ministry of Commerce, Industry and Energy.



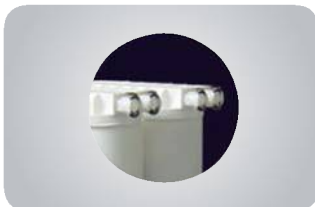
Wide Display

With Graphic LCD(128x64 digits) used water purity and operating conditions are displayed in graphic mode for you to observe easily and comfortably



Function

Equipped with ultrapure integrated volume recovery system and automatic water purity sensor that complies with GMP provision. Water purity control data can be easily read by connecting an exclusive printer.



Design

A practical and international sense of design allows convenient system controls and simple way of replacement of consumables.

Expe-UP Ultrapure Water Purification System



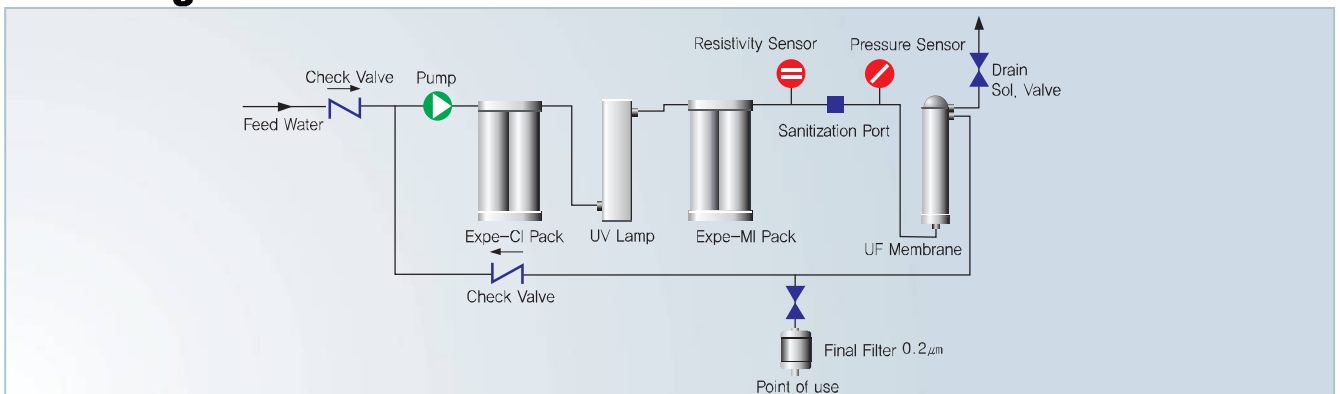
Features

- Produces the ASTM water grade I
- Wide graphic LCD display
- Easy to use and convenient maintenance
- Volumetric time setting
- Reliable & desired water quality
- Printer for data output with interface
- ISO9001,ISO14001 and certified CE and NEP

Specification

Model	Expe-UP Ele	Expe-UP Ele UV	Expe-UP Ele UF	Expe-UP Ele UV/UF
Flow Rate(up to)	2.0L/Min	2.0L/Min	2.0L/Min	2.0L/Min
Product Quality				
Resistivity (at 25°C)	18.2MΩ-cm	18.2MΩ-cm	18.2MΩ-cm	18.2MΩ-cm
TOC	5-10ppb	1-5ppb	5-10ppb	1-5ppb
Particle(0.2μm)	< 1ea/mL	< 1ea/mL	< 1ea/mL	< 1ea/mL
Pyrogen	-	-	< 0.003 Eu/mL	< 0.003 Eu/mL
Bacteria	< 1cfu/mL	< 1cfu/mL	< 1cfu/mL	< 1cfu/mL
Inorganics	< 0.05ppb	< 0.05ppb	< 0.05ppb	< 0.05ppb
Display	Wide Graphic LCD (128x64 digits)			
System Functions & Monitoring	<ul style="list-style-type: none"> ● Volumetric time setting ● Resistivity (at 25°C) ● Protection for low water quality ● Protection for high temp. & feed water ● Filter pack exchange message ● UV lamp exchange message(UV model) ● UF membrane exchange message(UF model) ● Sanitization reminder(UF model) ● Current time & temp. 			
Utilities	120/240V, 50/60Hz, 1.6A			
Electrical Power	120/240V, 50/60Hz, 1.6A			
Dimension	W330 x D490 x H510(mm)			
Operating Weight	20kg	21.5kg	21kg	22.5kg
Standard Accessories	<ul style="list-style-type: none"> ● 1Expe-CI Pack ● 1Expe-MI Pack ● 1 Operation manual ● 1Power cable & tubing kit 			
Optional Accessories	<ul style="list-style-type: none"> ● Final filter 0.2μm ● Final filter 0.2μm ● UV Lamp(185+254nm) ● Final filter 0.2μm ● UF Membrane(MWCO 5,000) ● Final filter 0.2μm ● UF Membrane(MWCO 5,000) ● UV Lamp(185+254nm) 			
Optional Accessories	<ul style="list-style-type: none"> ● Printer with interface for data output ● Frame for Expe-RO. UP. Reservoir 			

Flow Diagram



Puris® Water Purification System

Expe-RO Reverse Osmosis Water Purification System



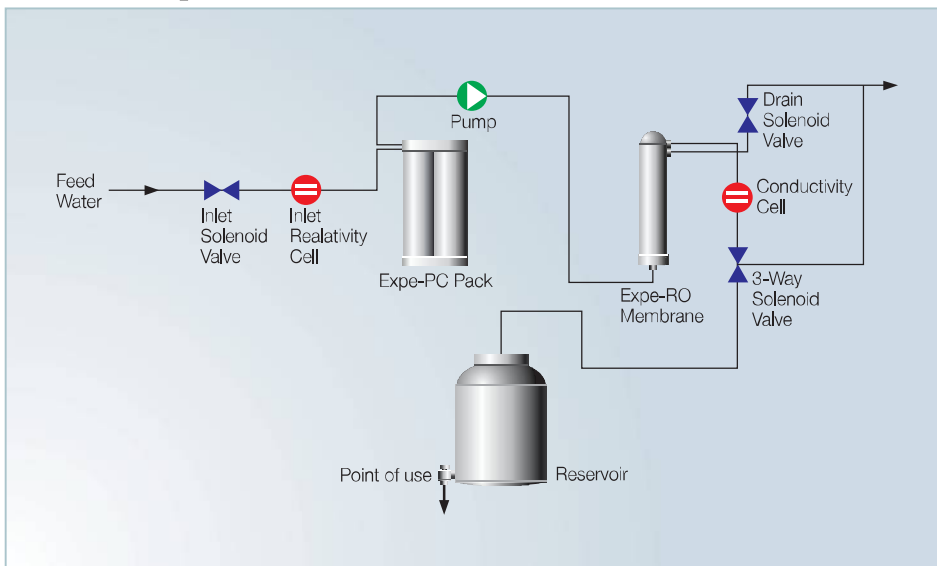
Features

- Produces the ASTM water grade III, IV
- Wide graphic LCD display
- Easy to use and convenient maintenance
- Compact design
- Printer for data output
- ISO9001, ISO14001 and certified CE

Specification

Model	Expe-RO Ele 10	Expe-RO Ele 20
Product Rate (up to)	10L/Hr	20L/Hr
Product Quality	1-25us/cm	
Display	Wide graphic LCD (128X64 digits)	
System Functions & Monitoring	<ul style="list-style-type: none"> ● Inlet conductivity (at 25°C) ● Product conductivity (at 25°C) ● Rejection ratio(%) ● Filter Pack exchange message ● RO Membrane cleaning timer ● Automatic drain for low quality 	
Utilities	Electrical Power: 120/240V, 50/60Hz, 1.6A Dimension: W330 x D455 x H510 (mm)	
Operating Weight	18kg	18.5kg
Standard Accessories	<ul style="list-style-type: none"> ● 1 Expe-PC Pack ● 1 Expe-RO Membrane(RO Ele 10 Model) ● 2 Expe-RO Membrane(RO Ele 20 Model) ● 1 Operation manual ● 1 Power cable & tubing kit 	
Optional Accessories	<ul style="list-style-type: none"> ● 35L Reservoir with level sensor ● Printer with interface for data output 	

Flow Diagram



Reservoir 35L



Expe-CB RO & UP Water Purification System



Features

- Produces the ASTM water grade I, III, IV by one system
- Produces wide graphic LCD display
- Easy to use and convenient maintenance
- Reliable & desired water quality
- Printer for data output
- ISO9001, ISO14001 and certified CE and NEP

Specification

Model			Expe-CB Ele 10		Expe-CB Ele 20		Expe-CB UV 90	
Product Rate	RO	UP	10L/Hr	2.0L/Min	20L/Hr	2.0L/Min	10L/Hr	2.0L/Min
Product Quality								
Conductivity (RO)			1-25 /cm				1-25 /cm	
Resistivity (UP)			18.2MΩ-cm (at 25°C)				18.2MΩ-cm (at 25°C)	
TOC			5-10 ppb				1-5 ppb	
Particulates(0.2μm)			1ea/ml				1ea/ml	
Bacteria			< 1cfu/ml				< 1cfu/ml	
Inorganics			< 0.1 ppb				< 0.1 ppb	
Display			Wide graphic LCD (128x64 digits)					
System Functions & Monitoring			<ul style="list-style-type: none"> ● Conductivity (RO) ● Resistivity (UP) ● Volumetric time setting ● Protection for high Temp. & feed water ● RO Membrane cleaning timer ● Automatic drain for low quality ● Filter pack exchange message 					
Utilities								
Electrical Power			● 120/240V, 50/60Hz, 1.6A					
Dimension			● W330 x D490 x H510 (mm)					
Operating Weight			25kg		25.5kg		26.5kg	
Standard Accessories			<ul style="list-style-type: none"> ● 1 Expe-PC Pack ● 1 Expe-CI Pack ● 1 Operation manual ● 1 Power cable & tubing kit ● 1 Expe-RO Membrane(CB Ele 10, CB UV 90 Model) ● 2 Expe-RO Membrane(CB Ele 20 Model) ● Final Filter 0.2μm 					
Optional Accessories			<ul style="list-style-type: none"> ● 35L Reservoir with level sensor ● Printer with interface for data output ● UV Lamp (185+254nm) 					

Flow Diagram

