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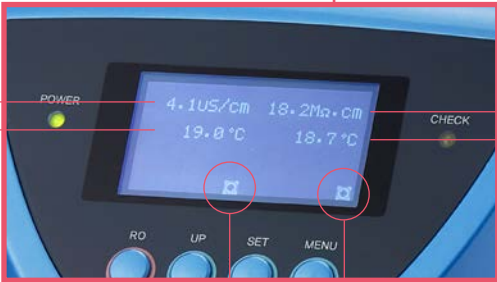
Puris Expe series

Features

- Producing pure and ultrapure water that meets ASTM, ISO3696, CLSI, EP and USP regulations.
- Wide graphic LCD (128*64 digits) allows you to check the status of the device easily and conveniently.
- Compact design and easy maintenance
- Alerts when it needs replacing filters
- Volumetric Dispensing



Conductivity(RO)
Temperature(Feed)



Temperature(RO)
Resistivity(UP)

Processing

Expe-CB Water Systems

Specification

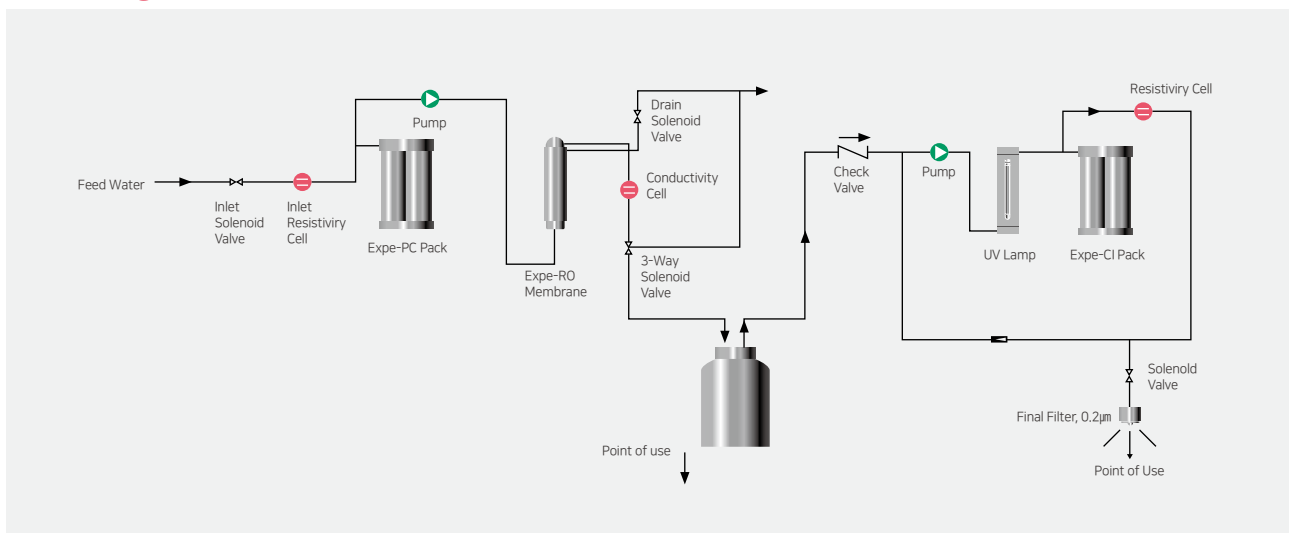
Model		Expe-CB Ele10	Expe-CB Ele20	Expe-CB UV90
Production flow rate (up to)	Type I	2.0L/min	2.0L/min	2.0L/min
	Type III	10L/hr	20L/hr	10L/hr
Quality	Resistivity	Type I	18.2MΩ·cm	18.2MΩ·cm
	Conductivity	Type III	1-25µs/cm	1-25µs/cm
	TOC	Type I	<10ppb	<10ppb
	Particles (0.2µm)	Type I	<1EU/mL	<1EU/mL
	Bacteria	Type I	<1CFU/mL	<1CFU/mL



Configuration

Electrical Power	• 120-240v,50-60Hz,1.6A		
Dimension	• W330*D455*H510mm		
Operating Weight	• 22kg	• 25.5kg	• 26.5kg
Standard Accessories	• Expe-PC Pack	• Expe-RO Membrane	
	• Expe-CI Pack	• Expe-RO Membrane*2ea(Ele20)	
	• Final Filter, 0.2µm	• UV Lamp,185+254nm (UV90)	
Optional Accessory	• Operation Manual • Power Cable • Tubing Kit		
	• Reservoir20L • Reservoir35L • Reservoir60L • USB		

Flow Diagram



Accessories

Description	Item NO.	Description	Item NO.
Expe-PC Pack	22101	UV Lamp, 185+254nm	20301
Expe-RO Membrane	21102	Final Filter, 0.2µm	20304
Expe-CI Pack	22301		

Expe-RO Water Systems

Specification

Model		Expe-RO Ele 10	Expe-RO Ele 20
Production flow rate (up to)	Type III	10L/hr	20L/hr
Quality	Conductivity	Type III	1-25µs/cm
			1-25µs/cm



Configuration

Electrical Power	• 120-240v,50-60Hz,1,6		
Dimension	• W330*D490*H510mm		
Operating Weight	• 18kg	• 18.5kg	
Standard Accessories	• Expe-PC Pack		
	• Expe-RO Membrane	• Expe-RO Membrane *2ea (Ele 20)	
	• Operation Manual	• Power Cable	• Tubing Kit
Optional Accessory	• Reservoir20L	• Reservoir35L	• Reservoir60L

Accessories

Description	Item NO.	Description	Item NO.
Expe-PC Pack	22101	Expe-RO Membrane	20301

Reservoirs



20L, 60L

- Level Sensor
- Conical Bottom Type
- Over Flow



35L

- Airvent filter
- Product Valve
- Level Sensor
- Over Flow
- Product Valve

Ultrapure (Type1)

E-Duo 12 VF/VFT



From Tap water Type 1, 2 and 3
Flow rate (up to) Type 1, 2 - 2L/min
 Type 3 - 22L/hr

E-Duo 13 UV/VF



From Tap water Type 1, 3
Flow rate (up to) Type 1 - 2L/min
 Type 3 - 22L/hr

Evo-CB Dio 10/20/UV/VF



From Tap water Type 1 and 3
Flow rate (up to) Type 1 - 2L/min
 Type 3 - 10, 20L/hr

Pure (Type2)

Evo-ROP Dico 10/20



From Type 2,3 Type 2, 3
Flow rate (up to) Type 2 - 10,20L/hr
 Type 3 - 10,20L/hr

Application

- Preparation of reagents, Tissue dyeing, Buffers
- Feed water for Autoclave, Clinical analyzers, Hydrogen generator
- General laboratory tasks, Microbiological culture media
- Glassware rinsing

High-Flow water Systems

Excel-UP Med 7/UV



From Type 2,3 Type 1
Flow rate (up to) Type 1 - 7L/min

Excel-Post Med 50/70/100



From Tap water Type 2, 3
Flow rate (up to) Type 2, 3 - 50,70,100L/hr

Excel-RO Med 50/70/100



From Tap water Type 3
Flow rate (up to) Type 3 - 50,70,100L/hr

Application

- Feed water of ultrapure water system
- Clinical analyzer, Semiconductor wafer rinsing
- Biochemistry analyzer

Expe-CB Ele 10/20/UV



From Tap water Type1 and 3
Flow rate (up to) Type 1 - 2L/min
 Type 3 - 10,20L/hr

Evo-UP Dio BA/UV/VF/UT



From Tap water Type 1, 2, 3
Flow rate (up to) Type 1 - 2L/min

Application

- AA, GFAA, ICP-MS, Chromatography, Cell culture
- Buffer manufacturing
- Molecular biology
- DNA microarray
- Electrophoresis
- HPLC, UPLC, LC-MS, GC
- PCR, DNA sequencing

Pure (Type3)

Evo-RO Dico 10/20



From Tap water Type 3
Flow rate (up to) Type 3 - 10, 20L/hr

Expe-RO Ele 10/20



From Tap water Type 3
Flow rate (up to) Type 3 - 10, 20L/h

Application

- Glassware rinsing, Hydroponics , Water baths
- Feed water of ultrapure water systems, Humidifiers
- Autoclaves

Consumables

	Filters	Contains(pore size)	
Pretreatment	Duo-MA Pack	Depth Activated carbon filter (1um)	Removes large particles and free chlorine from tap water.(Pack includes of polyphosphaste for anti-scaling)
	Dico-PC Pack	Micro filter (1um)	
	Expe-PC Pack	Depth Activated carbon filter (1um)	Protecting the reverse osmosis (RO) membrane against mineral scaling, organic fouling and chlorine oxidation.
	Med-PC Pack		
RO Membrane	Duo-RO Membrane	Reverse Osmosis Membrane (MW200)	Remove a large majority of contaminants from water by pushing the water under pressure through a semi-permeable membrane.
	RO Membrane		
	RO Pack		
Deionization	Duo-MB Pack	Ion exchange resins	Remove trace levels of organics
	Dico-PO Pack		
	Med-Post Pack		
Low TOC	UV Lamp	Dual Wavelength (185/254nm)	Degrades organic contaminants by photooxidation and purifies water as it passes through the UV lamp.
Ultra Pure water	Duo-PI Pack	Ion exchange resins	Removes trace levels of ions from ultrapure water.
	Dio-Pack I,II	Activated Carbon	the cartridge comprises clean and high-purity materials to minimize leaching of low organics and extractable contaminants.
	Expe-CI,MI Pack		
POU Filter	Final filter I,II	0.22 µm	Filters for bacteria-free and particulate-free water
	UF Filter		Filters(0.01µm) for pyrogen-free water for removing of pyrogens(endotoxin), Rhase,Dnases.
	Metal Filter		Removes specific heavy metals and micro-particles.



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