



ESSE RO WATER PURIFICATION SYSTEM



General Features

■ Microprocessor Control System

All the service check point like a exchange life cycle of filter and articles of consumption, the water quality, the sterilization life cycle of RO Membrane and etc. are operated by setting the program

■ Esse-Pre Pack

It is very easy to exchange and there is no leak while you are exchanging the pack because of adapting the "Unique Quick Connecting System" as the Esse-Pre Pack

■ Esse-Post Pack

The water quality through this pack is ASTM II Type grade water and you can use this water in the analytical testing and making the reagents. and also, this pack has the same "Unique Quick Connecting System" as the Esse-Pre Pack

■ Measuring Cell

New Sensing Cell makes high the accuracy of water quality and this cell measures the conductivity of input water and RO output water and the Resistivity of the second pure water

■ Optimized Product Quality

Puris-esse RO Water system has automatic self washing function and this system has also automatic drain function to drain the producing water that can't reach the already programmed pure water quality level. All these functions enable to get always high quality pure water.

■ Upgrade Function

We can increase the producing quantity in the same unit and can upgrade the ASTM Type II grade water to attach the Esse-Post Pack.

Specification

Model	Esse-RO Basic 10	Esse-RO Basic 20	Esse-RO Post 10	Esse-RO Post 20
Flow Rate (up to)	10Liters/Hr.	20Liters/Hr.	10Liters/Hr.	20Liters/Hr.
Product Purity	ASTM Water Grade III IV		ASTM Water Grade II	
- Quality Grade	ASTM Water Grade III IV		ASTM Water Grade II	
- Conductivity	1-25 $\mu\text{s}/\text{cm}$	1-25 $\mu\text{s}/\text{cm}$	-	-
- Resistivity	-	-	5-15 $\text{M}\Omega\text{-cm}$	5-15 $\text{M}\Omega\text{-cm}$
- Heavy Metals	<100ppb	<100ppb	<1ppb	<1ppb
- TOC	-	-	<30ppb	<30ppb
System displays and monitorings (Microprocessor Programmable LCD)	- Inlet Conductivity (at 25°C) - Product conductivity (at 25°C) - Rejection Ratio (%) - Inlet water temperature - Cartridge exchange reminder - Time Program for RO Membrane cleaning - Automatic drain for less value than setting value - Resistivity, at 25°C(Post Model)			
Utilities				
- Electrical power	120 / 230V, 50 / 60Hz, 65VA			
- Dimension	W360 x D400 x H470 (mm)			
- Operating Weight	18.5Kg	20.0Kg	20.5Kg	21.0Kg
Standard Accessories	- 1 Esse - RO Pack - 1 Esse - Post Pack (Post 10, 20 Model) - 1 Esse - RO Pack I (Basic 10, Post 10 Model) - 1 Esse - RO Pack II (Basic 20, Post 20 Model) - 1 Operation Manual - 1 Power Cable, Tubing kit			
Optional Accessories	- 55L Reservoir Tank with Level Sensor - Wall Mount bracket			