



Pilot series



1 Features

- Applications

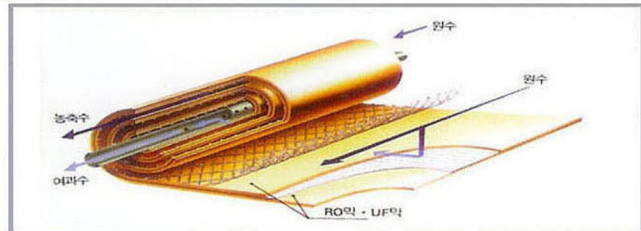
- Drinking water : hospital, school, company etc
- Industry : food, cosmetic, pharmacy, beverage, semiconductor

- Rejection Rate

- Monovalent ion : 95-99%
- Polyvalent ion : 98-99%
- Microorganism : 99%
- Particles : 99%
- Organics : 99%
- Pyrogen : 99%

- RO Membrane

This water purifying method is to extract pure by applying the pressure into the RO membrane which contains 0.0001- 0.001 micro meter pore size and this is highly effective in removing several impurities around up to 95-99% from feed water



SIZE (μm)	0.0001	0.001	0.01	0.1	1.0	10	100 μm
Membrane / Filter Size	RO Membrane	Nano filter	Ultra filter	Micro filter		Particle filter	
Material Size	Atomic Radius	Aqueous salt Metal ion Sugar	Pyrogen Virus Protein		Point Pigment	Bacteria Yeast cell	Mist

2 Specifications

Model	PILOT RO-100P	PILOT RO-200P	PILOT RO-400P	PILOT RO-600P
Water quality	RO : 0 to 50 μs/cm			
Model	PILOT RU-100P	PILOT RU-200P	PILOT RU-400P	PILOT RU-600P
Water quality	RO : 0 to 50 μs/cm , UP : Up to 18.3 MΩ-cm			
Production rate	100 L/Hr	200 L/Hr	400 L/Hr	600 L/Hr
Display	LED digital display [RO : 0 to 200 μs/cm UP : 1 to 18.3 MΩ-cm]			
Pressure gauge	Dia 65mm , 0 to 20kg/cm ²			
Control functions	1. Low pressure of tap Water : Auto/manual operating modes 2. Automatic motor stop function : ① Low pressure ② Tank full ③ Suspension of tap water supply			
Accessories	Prefilter , A/C filter , R/O membrane , Level sensor			
Power source	220VAC, 50/60Hz			
Overall (WxDxH)	600x500x1250mm	600x500x1450mm	600x500x1450mm	850x650x1600mm
Weight (Kg)	135	155	180	215

3 Options

- 1) Pretreatment System
- 2) 254nm UV sterilizer
- 3) Ion-exchange Vessel
- 4) Storage tank

Model : Pilot 100P -- 200 liter
 Model : Pilot 200P -- 400 liter
 Model : Pilot 400P -- 1000 liter
 Model : Pilot 600P -- 2000 liter

A/C filter



Ion vessel



UV Sterilizer

