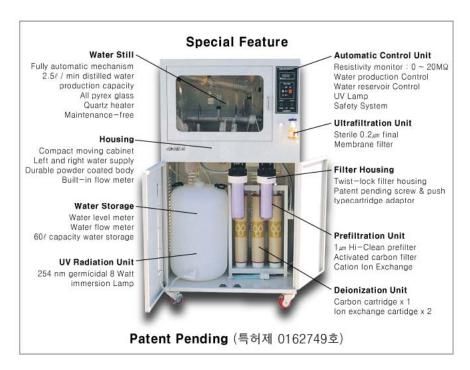
Ultra-pure Water Purification system







Feature

- 18.3 MΩ Reagent Grade Ultra Pure Water Purification System
- ☐ Maximum 2.5ℓ / min Production Capacity
- □ 60ℓ Water Storage Reservoir

- Completely Automatic Water Production Mechanism
- ☐ Germicidal 8 watt UV Radiation Immersion Lamp
- □ Soft Water System Prevent Scale in the Water Pathways

MODEL	GSDI-3007	
Dimensions (W x D x H mm)	900 x 530 x 1345	
Capacity	Distillate 6.0ℓ / hour	
	Deionization 1.0ℓ / hour	
Heater	High Quality Quartz Sheated Heater, 4.4kW	
Pump	Pump 1 Distilled Water + Lamp Switch 1 Pump 2 Deionized Water + Lamp Switch 2	
Water Flow Schematic	Tap Water ⇒ Prefiltration	
	Distillation ⇒ UV Radiation	
	Deionization ⇒ Final Filtration	
Water Quality	Distillated Water : 3.5MΩ Ultrapure Water : 18.3MΩ	
UV Radiation	254nm Germicidal 8 watt UV Lamp	
Operation Mechanism	Complete Automatic System	
Ultra filtration System	Organic Free Activated Carbon x1	
	Mixed Bed Ion Exchange x2	
	0.2µm Membrane Final Filter x1 (Option)	
Max. Inlet Pressure	3.5kg/cm³	
Electric Supply	220V 50/60Hz, 20 Amp	

Application

- Reagent Water for HPLC, ICP, AA, Spectroscopy
- ▶ Tissue & Cell Culture
- ▶ Electrophoresis, Biotechnology
- **▶** Enzymology
- ► Semiconductor Manufacturing
- ▶ Washing Water for Precision Parts
- ► BOD Reagent Water

UltraPure Water Quality

▶ Pyrogen Free	Bioresearch Grade
► Resistivity	> 18.3MΩ -cm
▶ TOC	< 5 - 10 ppb
► Total Dissolved Solid	< 5 - 10 ppb
► Heavy Metals	< 0.1 - 1 ppb
▶ Silicates	< 5 - 10 ppb
▶ Particle Removal	> 0.2 µm



Custom made order is available Specifications can be changed without prior notice for quality improvement.