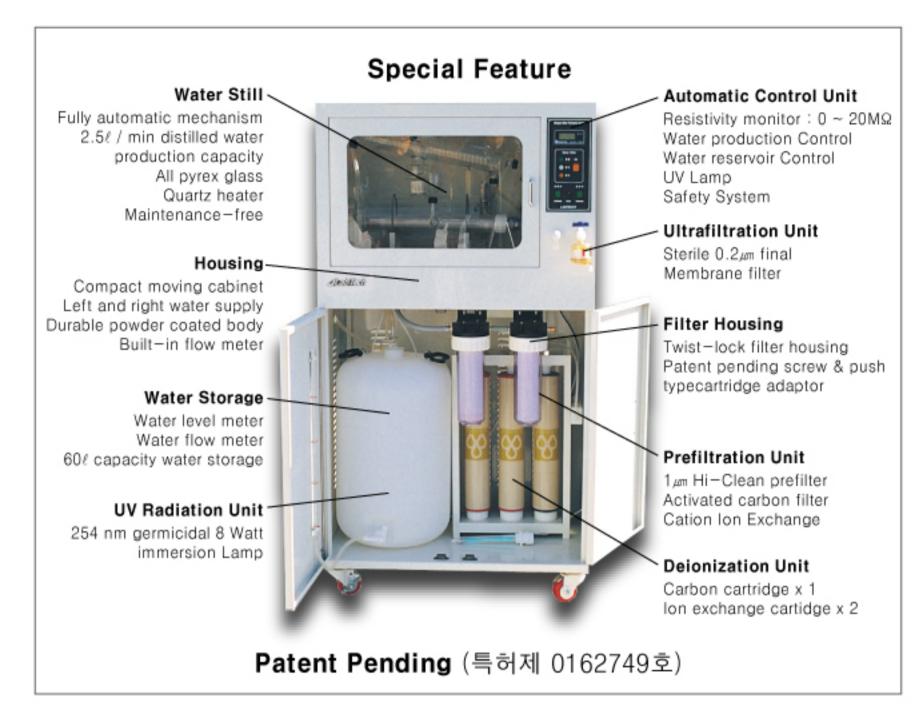
Ultra-pure Water Purification system







| 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 : $3.5M\Omega$ Ultrapure Water : $18.3M\Omega$ | |
| 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.