

## DI-800G

### HIGH FLOW ULTRAPURE WATER TYPE II WITHOUT STORAGE TANK

#### Application

More than 90 % of general laboratory assays require Type II water

- Preparation of culture media, reagents and buffer solutions
- Preparation of reagents and buffer solutions
- Cleaning the material
- Clinical analyses
- Salt spray chambers and climatic test chambers
- Supplying equipment to produce Type I (Ultrapure Water)



#### Specifications Water Outlet Quality According to ASTM

|                      |                           |
|----------------------|---------------------------|
| Resitivity           | : 10-15 Megaohm or better |
| Total Organic Carbon | : 50 ppb Max.             |
| Sodium               | : 5 ppb Max.              |
| Chloride             | : 5 ppb Max.              |
| Total Silica         | : 3 ppb Max.              |
| Endotoxin(EU/ml)     | : 0.25 Max.               |

|                  |  |
|------------------|--|
| Inlet water      | : Tap water conductivity less than 400 us/cm, total hardness 200 ppm |
| Rate current     | : 7 Amp (Total booster pump 2 pcs), 24VDC                            |
| Power supply     | : 220VAC / 50Hz  |
| Inlet pressure   | : 0.1-0.4 mPa  |
| Working pressure | : 0.4-0.6 mPa  |
| RO water flow    | : 100 l/h  |

#### Standard Filtration Stage

- Sediment cartridge filter 5 micron, 20 inch
- CTO Cartridge filter, 20 inch
- Softener cartridge filter, 20 inch
- Booster pump, 2 pcs
- RO membrane 400 GPD , 2 pcs

#### Option for DI Water 10-15 megaohm depend on quality water feed inlet

- 12W Dual UV Wavelength 185/254 nm with stainless steel housing
- Ultrafiltration filter cartridge
- Mixed base resin filter cartridge
- LCD resistivity display with sensor