

(Ultrapure Water System for laboratory)



Proven ultrapure water quality

- Recognized to be the superlative product of the world class quality. (Precision comparison test conducted by the Characteristic Analysis Center .)

Proven various components

- The convenient circular dispenser minimizing pollution causes.
- The Dual UV Lamp Chamber with proven efficiency
- Endotoxin-free Ultrafilter
- TOC Monitor for the infinitesimal TOC experiment.



Dispenser

- Cyclic type of the innovative design.
- Custom-tailored Volume collecting water features of the ultrapure water.



Microprocessor Control System

- All works such as replacement cycle of consumption goods like filter cartridge, state of water quality, service check, state of stand by, automatic circulation, and self-diagnosis, are operated by the program setting.



Esse-UP Pack I, II

- Adoption of the world only quick connecting method(registration of utility model).
- Always enables to maintain the clean state due to no leakage when changing.



Dual UV Lamp Chamber

- Enables to lower TOC level to 1-5 ppb with the sterilizing effect of 254nm and oxidation of organics of 185nm.
- Enables to produce the appropriate water for HPLC, GC/MS, TOC Analysis.



Ultrafilter (MWCO 5,000)

- Enables to reduce endotoxin(pyrogen) level below 0.001EU/ml, which is suitable for water for research application such as cell culture, genetic engineering, electrophoresis of bio laboratory.

TOC Monitor

- TOC sensing technology
- Enables to display the TOC level on control panel.

Measuring Cell

- Cell constant is 0.01cm^{-1} , and excellent in resistivity precision by using sensor with temperature compensation.

Data output

- Output features to meet GLP requiring lab's data record.