

## INOUPD-Easy Series ASTM Type I Ultrapure Water Systems

### Features;

Direct purification on tap water into 18.2MΩ.cm class I ultrapure water.

Alarm on abrupt water quality deterioration

Compact design, can easily be placed in the laboratory

Dual lengthened purification cartridge installation for convenient replacement and longer service life.

Ultrafiltrated water without endotoxin and RNAase-free is for cell culture and molecular biology applications.

The model Easy is all-in-one system to produce Type I,II and III pure water. It is specially designed for users whose pure water applications are wide but also concern cost effective aspect.

### Technical Specifications;

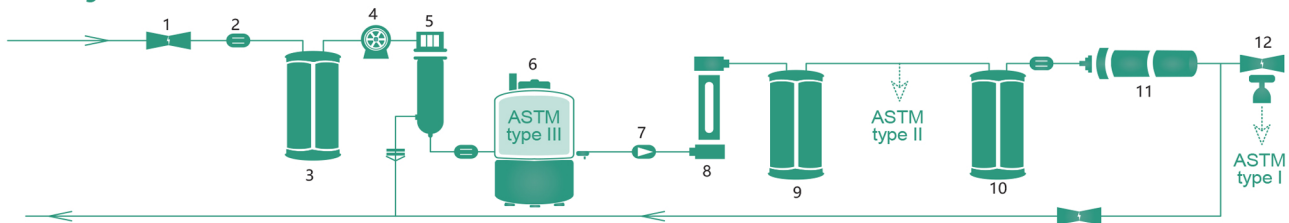
Model Type	UPD-Easy (Bench-Top) Easy-15L / Easy-30L
<b>Feed Water Requirement</b>	
Source	Tap Water
Conductivity*	<2000us/cm
Hardness**	<450ppm as CaCO3
Pressure	0.05 - 0.5MPa (7-72psi)
Temperature	5 - 40°C
<b>Purification Water (Class III)</b>	
Ionic Rejection	<95%
Bacteria Rejection	<99%
Conductivity	1 - 20us/cm
Productivity Rate	15L/h - 30L/h
<b>High Quality Purifications Water (Class II)</b>	
Resistivity At 25°C	10MΩ.cm
TOC	<30ppb
Dissolved Organic	<0.1ppm
<b>Ultrapurification Water(Class I)</b>	
Resistivity At 25°C	16 - 17mΩ.cm
Flow Rate	1 - 1.5L/min
TOC Level(Optional with UV)	<30ppb
Particulate(≥0.02um)	<1pc/ml
Bacteria	<1cfu/ml
Power Supply	110/220V ±10% 50/60Hz
Weight of Main Units (NxG)	38kg - 51kg
Size of Main Units (WxDxH)(mm)	390x530x500
Package Size of Main Units	515x660x750



\* If feed water quality is poor (Conductivity >1000us/cm), 3 class strengthened pretreatment module and RO-2 type is highly recommended.

\*\* When hardness of feed water is high (>450ppm as CaCO3), 0,5T water soften tank is recommended.

### Easy



- |                        |                            |                               |
|------------------------|----------------------------|-------------------------------|
| 1 Solenoid Valve       | 5 RO Module                | 9 Purification Module         |
| 2 Conductivity Sensor  | 6 Water Tank               | 10 Ultra-Purification Module  |
| 3 Pre-treatment Module | 7 Ball Valve               | 11 Micro-Filtration Cartridge |
| 4 Boost Pump           | 8 Single Wave UV Cartridge | 12 Point-Of-Use Filter        |