



## **Catalogue No. - RW20211KT**

### **Description – RenseWAI SimPure**

RenseWAI SimPure Lab Water Purification Type 1 System produces Ultrapure water from either Reverse Osmosis (RO) or Distillation or Deionized water or from (RO + EDI) as direct feed water source

#### **Features**

- Unique U Pak polishing cartridge ensures thorough removal of ions.
- Adaption to different final filters (optional) removes any remaining contaminants.
- Ultrapure water dispenser, is integrated with an in-built high-precision resistivity sensor, in proximity to POU (Point Of Use), for better accuracy, with conductivity cell constant 0.01cm<sup>-1</sup>
- Speed-fit push-in connections. Quick and convenient installation and easy cartridge exchange.
- Volumetric dispensing can be easily set up on the dispenser.
- Compact designs allows it to be placed under the bench, to maximize precious lab bench space.

#### **Main Applications**

- HPLC mobile phase preparation
- Preparation of reagent blank solution
- As sample diluents for GC, HPLC, AA, ICP-MS and other analytical techniques
- Preparation of buffer and culture media for mammalian cell culture
- Preparation of molecular biology reagents, etc.



# RenseWAI

## Specification

### Feed Water Requirements

- Feed Water – Either (RO + EDI) or RO water or Distilled water or De-Ionized water
- Feed water conductivity < 5  $\mu\text{S}/\text{cm}$  or lesser
- Feed water pressure – (0 – 2) bar or (0 – 30) psi
- Operating temperature (5 – 35) $^{\circ}\text{C}$

### Flow rate

- Type 1 or Ultrapure Water dispensing flow rate – (1 – 1.5) L/min

### Product Water Quality

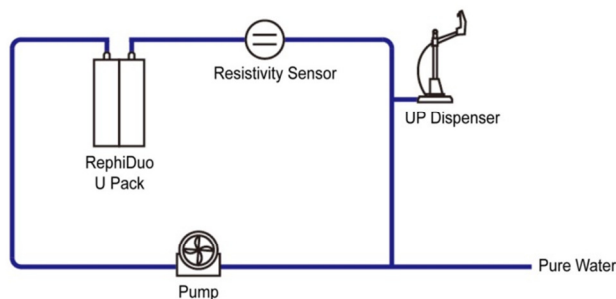
- Type 1 Ultrapure water resistivity (@25 $^{\circ}\text{C}$ ) – 18.2  $\text{M}\Omega\cdot\text{cm}$
- Type 1 Ultrapure water TOC < 10 ppb (If feed water TOC < 30 ppb, preferably with (RO + EDI) technology)
- Particles in Ultrapure water of > 0.2  $\mu\text{m}$  - No particles (with a 0.2  $\mu\text{m}$  final filter or Bio filter unit)
- Microorganisms in Ultrapure water - < 0.01 cfu/ml (with a 0.2  $\mu\text{m}$  final filter or Bio filter)
- Pyrogens (Endotoxins) in ultrapure water < 0.001 EU/ml (with a Bio filter)
- RNase in ultrapure water < 0.5 pg/ml (with a Bio filter)
- DNase in ultrapure water < 10 pg/ml (with a Bio filter)

### Power

- Input Voltage - 110 - 240 VAC
- Operating Voltage - 24 VDC

## Flow chart

RenseWAI Simpure





## Contents of the Set

### **RenseWAI Simpуре System Set consists of :-**

1. Main system
2. U Pack cartridge
3. Final filter unit of 0.22 micron
4. Separate Remote Dispenser with in-built resistivity sensor

### **Photographs (Representative only)**



(Disclaimer – Please note photographs are for representation purpose only & can vary from the actual system)

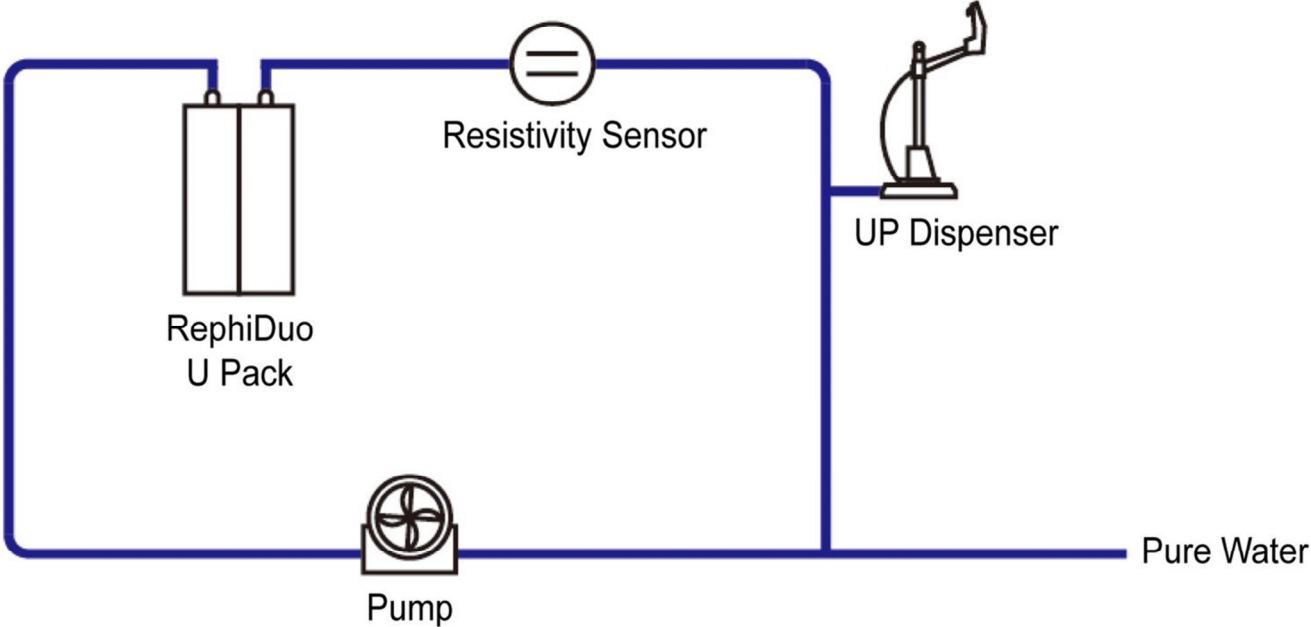


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## RenseWAI Simpуре

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