

# Ultra-pure Water System RM50

*50GPD Ultra-pure Water System for Laboratory (18MΩ)*

## Features

### High-Performance Specifications:

- Output flow rate of 50 GPD (8 LPH).
- Ultra-pure water quality of 10 to 18.2 MΩ.

### Versatile Purification Capabilities:

- Dual-function unit with purification and recirculation capabilities.
- Integrated pre-treatment, purified water production, and storage tank.

### Simple Installation and Maintenance:

- Easy installation and maintenance
- Low operational volume
- Cost-effective solution



UPW Unit

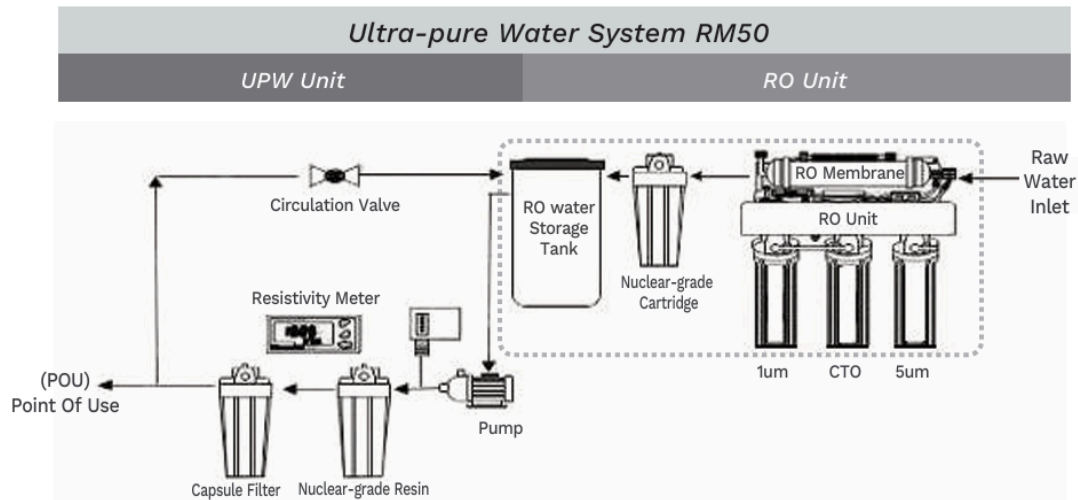
RO Unit

This comprehensive system combines pretreatment, pure water generation, and storage in a space-saving solution. Its compact design and low consumption make it an economical choice. The integrated purification and recirculation functionalities also provide versatile performance to meet ultra-pure water demands. With an output flow rate of 50 GPD (8 LPH) and ultra-pure water quality of 18.2 MΩ, this system delivers high-purity water for critical applications.

## Specification

Ultra-pure Water System RM50		
Basic Specifications	Production Capacity	50 Gallons per day (GPD) / 8 LPH
	Power Supply	110V 60HZ
The RO Unit (with Storage Tank)	Main Unit Dimension	W34* D18 * H45cm
	Disposable Cartridges LK	PP10"5U * 1pc + 10"CTO * 1pc + PP10"1U * 1pc
	Disposable RO Membrane	1812 *1pc
	Pump	24V (ROP-2450 or LF-30L)
	Cartridge	10" Nuclear-grade Cartridge * 2pc
	Storage Tank (Dimension)	W30 * D25 * H41cm / 20L
	Main Unit Dimension	W45 * D26 * H85cm
The UPW Unit	Nuclear-grade Filtration	20" Nuclear-grade Resin * 3pcs
	0.2um Filtration	Capsule Filter Element PP 0.2U 1/4" * 1pc
	Water Quality Meter	Resistivity Meter
	Pump	36V (HF-9200)
	Circulation Valve	Manual Ball Valve

## Connection Diagram



## Setup Example

