

# BASIC RO WATER SYSTEM WPS52-030



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Modularly designed for functional and economical production of high-purity water. It is ideal for laboratory applications such as reagent preparation, constant temperature and humidity chamber, and glassware washing. Used in Food Industry, Beverage Industry, Agriculture, Boiler Feed, Disaster Relief Environmental, Hospital, Hotel, Marine, Military, Mining, Pharmaceutical, Power.

Also known as Laboratory RO water system.

## WPS52-030 BASIC RO WATER SYSTEM

Built-in 20 liters airtight plastic pressure water tank

Built-in 13 liters high-capacity polishing resin cartridge

Unique design and easy-to-replace cartridges pack unit.

Data storage and RS 232/USB communication port.

3 way on-line water quality sensor,multiple alarm.

Life-span of cartridges' display and alarm.

System circulation function,system sterilization procedure.

Molding process,high-strength, streamline plastic shell.

The graphic display clearly indicates all system's parameters. From water quality to knowing when it is time to change the purification pack,you'll see at a glance what is need

For ease-of-use,the main purification technologies are contained in an innovative all-in-one pack that mean you can change it in just a couple of minutes.

The system requires no special installation,connect the system to your tap water supply it's ready to use.



## SPECIFICATIONS

| Model                                 | WPS52-030   |
|---------------------------------------|---|
| Feed Water Requirements*              |   |
| Water Inlet                           | Tap water: TDS<200 ppm (Extra pretreatment filter is recommended, if TDS>200 ppm) |
| Temperature                           | 5-45°C  |
| Pressure                              | 1.0-4.0 Kgf/cm <sup>2</sup>   |
| Flow Procedure**                      | PF+AC+RO+AC   |
| Ion rejection rate                    | 96%-99% (New RO membrane)   |
| Organic rejection rate                | >99% (when MW>200 Dalton)   |
| Particles and bacteria rejection rate | >99%  |
| Bacteria                              | <0.1 cfu/ml (with optional 0.45+0.1µm PES terminal filter)                        |
| Particles(>0.2µm)                     | <1/ml (with optional 0.45+0.1 µm PES terminal filter)                             |
| Output(25°C)****                      | 30 L/hrs  |
| Pure water outlet                     | RO water  |
| Water Quality Monitor                 | Portable TDS/conductivity test pen  |
| DimensionLxWxH                        | 410x220x420 mm  |
| Weight                                | 20 kg   |
| Standard configuration                | Main body (Including 1 set of cartridges)+ 15 liters tank+ TDS pen +accessory bag |
| Power Consumption (W)                 | 72 W  |
| Power Supply                          | AC110-220 V, 50/60 Hz   |

|                         |  |
|-------------------------|--|
| Note                    | *The feed water quality will influence the pure water's quality and cartridges life-span.<br>**PF:polypropylene spun fiber, AC:active carbon, RO:reverse osmosis. ***All the specifications are tested under the situation:feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate. |
| Ultrapure Water Quality |  |
| Flow rate               | 2.0 L/min (with pressure tank)   |



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