BioLAB

PRODUCT CATALOG

BASIC WATER PURIFICATION SYSTEM BBPS-505

CE ISO9001 CERTIFIED

BASIC WATER PURIFICATION SYSTEM BBPS-505

BASIC WATER PURIFICATION SYSTEM

This basic series is ideal for wide range of applications. It produces RO, Deionized water and Ultrapure water. The organic rejection rate is greater than 99% using reverse osmosis. The resistivity reaches up to 18.2M?.cm which completely meets the highest grade I standard

With tap water inlet, to produce RO water and ultrapure water,quality can reach to above10MΩ.cm.
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.(optional)
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 gla

SPECIFICATIONS

Model	BBPS-505
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/cm²
Flow Procedure	PF+AC+RO+DI+TF
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
Output(25°C)	30 L/hrs
Pure water outlet	RO water and Ultrapure water
Water Quality Monitor	Portable TDS/conductivity test pen + on-line resistivity monitor
Dimension LxWxH	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. **PF:polypropylene spun fiber, AC:active carbon, RO:reverse osmosis, DI:ion exchange, UV:ultraviolet, UF:ultrafiltration, TF:terminal microfiltration. ***Value of number will be influenced by temperature and feed water quality. ****All the specifications are tested under the situation:feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.
Deionized water quality	
Particle(>0.2μm)	<1/ml
Ultrapure Water Quality	
Resistivity(25°C)	18.2 MΩ.cm
Heavy Metal Ion	-
TOC***	<10 ppb
Heavy metal ion	<0.1 ppb

Flow rate	2.0 L/min (with pressure tank)
Alt Name	Basic Water Purification System

FEATURES

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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.

APPLICATIONS

Laboratory, Manufacturing, Reefkeeping, Aquarium, Laboratory, Research

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