BIOLAB

PRODUCT CATALOG

TYPE I ULTRAPURE WATER PURIFICATION SYSTEM
BBPS-506

CE ISO9001 CERTIFIED

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TYPE I ULTRAPURE WATER PURIFICATION SYSTEM BBPS-506

BASIC WATER PURIFICATION SYSTEM

This basic series is ideal for a 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 to18.2 MΩ.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.
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-506
Production Rate	30L/hr
Water Quality	Type I, Type III
Feed Water	Tap Water
Tank Capacity	15L
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+UF+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)	-
Ultrapure Water Quality :	

Resistivity(25°C)	18.2 MΩ.cm
TOC***	<10 ppb
Endotoxin	<0.001 EU/ml
Rnases	<0.01 ng/ml
Dnases	<4pg/µl
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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