PRODUCT CATALOG

TYPE I ULTRAPURE WATER PURIFICATION SYSTEM
BKO-2102

ISO9001 CERTIFIED

www.biolabscientific.com

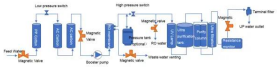
TYPE I ULTRAPURE WATER PURIFICATION SYSTEM BKO-2102

ULTRAPURE WATER MACHINE

Full-automatic microcomputer control display monitors power supply, water shortage, water production, water full, flush, and strong flush control in real time.
Fully automatic RO membrane anti-fouling washing program and regular washing program to prolong the service life of RO membrane.
Real-time online water flow monitoring, water pressure monitoring, water production monitoring, and water pressure monitoring.
On-line resistivity monitoring of water quality, on-line detection of multiple working states, and real-time operation data.
The main components are imported brands to ensure excellent water quality and a variety of different configurations to meet your experimental needs.
Floor-standing design, with movable and fixed feet at the bottom, making installation and movement more convenient.

SPECIFICATIONS

Model	BKO-2102
Production Rate	60L/hr
Water Quality	Type I, Type III
Feed Water	Tap Water
Tank Capacity	40/60L
Type classification	Standard
The water requirements	Urban tap water, inlet water pressure: 0.15-0.5mpa, water temperature 5-40°C
RO water Parameter :	
Ion rejection rate	97%-99% (when using a new RO membrane)
Organic matter rejection rate	>99% when MW>200 Dalton
Particle and bacterial rejection	> 99%
UP water Parameter(ASTM TYPE I grade water) :	
Resistivity (25°C)	18.25 M Ω. Cm @ 25 °C
Heavy metal ion	< 0.01 ppb
Total organic carbon (TOC) *	<10 ppb
bacteria	< 1 cfu/ml *(with terminal filter)
Particulate matter (> 0.1 microns)	<1/ml
Pyrogen (endotoxin)	N/A
Ribonuclease (RNases)	N/A
Deoxyribonucleases	N/A
Application (TYPE I grade water)	All kinds of physical and chemical testing, biochemical analysis, blood examination, microanalysis, flushing special, HPLC, IC, GC, analysis experiment
Electrical requirements	100-240V, 50/60Hz, 48-72W
The system configuration	Host machine (including 1 set of purification column)+40/60 L pressure water storage tank +TDS pen + accessory bag
Alt Name	Ultrapure Water Machine



FEATURES

Full-automatic microcomputer control display monitors power supply, water shortage, water production, water full, flush, and strong flush control in real time.
Fully automatic RO membrane anti-fouling washing program and regular washing program to prolong the service life of RO membrane.
Real-time online water flow monitoring, water pressure monitoring, water production monitoring, and water pressure monitoring.
On-line resistivity monitoring of water quality, on-line detection of multiple working states, and real-time operation data.
The main components are imported brands to ensure excellent water quality and a variety of different configurations to meet your experimental needs.
Floor-standing design, with movable and fixed feet at the bottom, making installation and movement more convenient.
The front of the machine is equipped with an independent water intake end, which is convenient and quick.
Double electric water intake: RO water, ultra-pure water, two kinds of water outlets.
Multiple safety protection, exquisite chassis and beautiful appearance.
Free portable TDS water quality testing pen.
Configure ultra-large capacity purification tank.

APPLICATIONS

All kinds of physical and chemical testing, biochemical analysis, blood examination, microanalysis, flushing special, HPLC, IC, GC, analysis experiment.

MORE INFO

Product name	Picture	Function	Replace cycle
20" 5 μm PP cotton		remove impurities (greater than 5 micron) such as suspended solid, rust, sludge, colloid, etc.	About 4-6 month
20" Refined activated carbon		remove color, odor, residual chlorine and heavy metals	About 4-6 month
Reverse osmosis membrane		filter out <1nm pollutants, ions, particles	About 1-2 years
Dual wavelength (185 & 254 nm) UV lamp (import)		sterilization device, decomposition and photo oxidation OC, lower TOC (*-V,-VF)	About 9000 hours
12L ultra purified tank		ion exchange resin bed, H+ and OH- ion removal	About 25 tons
11" ultra purification column			
Imported 5000 Dalton UF heat source column		remove pyrogen,RNase, DNase(*-F,-VF)	About 2-3 years

0.2μm terminal filter		final removal for < 0.2μm bacteria	About 2-3 years

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com