PRODUCT CATALOG

TYPE I ULTRAPURE WATER PURIFICATION SYSTEM
BKO-2602

CE ISO9001 CERTIFIED

www.biolabscientific.com

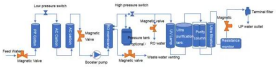
TYPE I ULTRAPURE WATER PURIFICATION SYSTEM BKO-2602

ULTRAPURE WATER MACHINE

Ergonomic design, the machine is beautiful and generous in compliance with GLP requirements.
Fully automatic microcomputer control system, online water quality monitoring system, and filter element online monitoring.
New quick plug-in connector, filter column replacement and maintenance is more convenient for the electrical and water channels to be completely separated.
Fully automatic RO membrane anti-fouling washing program and regular washing program to prolong the service life of RO membrane.
Power, water source, pump, flush, water shortage, full water status display, understand the machine running status.
Floor-standing design, with movable and fixed feet at the bottom, making installation and movement more convenient.

SPECIFICATIONS

Model	BKO-2602
Production Rate	200L/hr
Water Quality	Type I, Type III
Feed Water	Tap Water
Tank Capacity	100L
Type classification	Low TOC
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) *	<3 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)	Atomic absorption/emission spectrometry, mass spectrometry, TOC detection, environmental monitoring, biochip development, trace organic matter analysis
Electrical requirements	100-240V, 50/60Hz, 48-72W
The system configuration	Host machine (including 1 set of purification column)+100L pressure water storage tank +TDS pen + accessory bag
Alt Name	Ultrapure Water Machine



FEATURES

Ergonomic design, the machine is beautiful and generous in compliance with GLP requirements.
Fully automatic microcomputer control system, online water quality monitoring system, and filter element online monitoring.
New quick plug-in connector, filter column replacement and maintenance is more convenient for the electrical and water channels to be completely separated.
Fully automatic RO membrane anti-fouling washing program and regular washing program to prolong the service life of RO membrane.
Power, water source, pump, flush, water shortage, full water status display, understand the machine running status.
Floor-standing design, with movable and fixed feet at the bottom, making installation and movement more convenient.
RO water, ultra pure water, two kinds of water outlets.
Free TDS water quality test pen.

APPLICATIONS

Atomic absorption/emission spectrometry, mass spectrometry, TOC detection, environmental monitoring, biochip development, trace organic matter analysis.

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
25L ultra purified tank		ion exchange resin bed, H+ and OH- ion removal	About 50 tons
12" 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