PRODUCT CATALOG

# TYPE I ULTRAPURE WATER PURIFICATION SYSTEM
# BKO-2601

ISO9001 CERTIFIED

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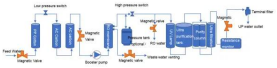
# TYPE I ULTRAPURE WATER PURIFICATION SYSTEM BKO-2601

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-2601 |
|---|---|
| Production Rate | 150L/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

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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 |

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