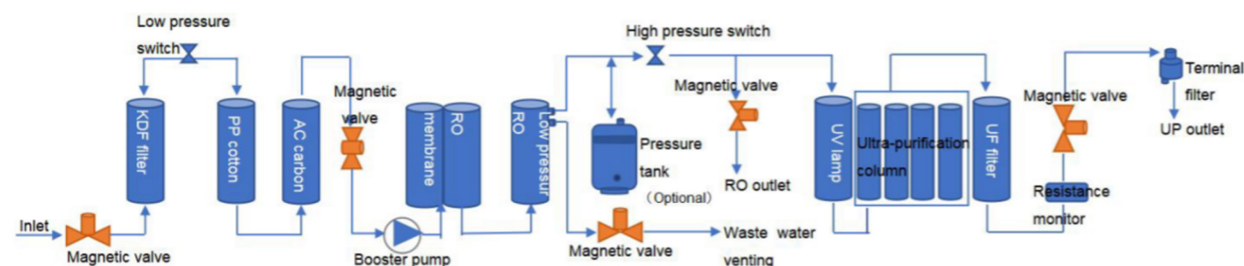


Laboratory Water Purifier BK-CUWP-30L(Customized)



- * Production of three types of water from a single system:
 - Type I: ultrapure water in accordance with ASTM D1193 Type I and ISO 3696 Grade 1
 - Type II: laboratory grade water
 - Type III: water based on reverse osmosis for general washing and autoclave supply
- * Direct operation from tap water without the need for pre distilled water
- * Integrated UV oxidation and ultrafiltration technologies
- * Ozone based purification is not acceptable
- * 7L Internal storage tank, connect to an 15L external storage tank
- * Automatic periodic recirculation of purified water to prevent biofilm formation
- * LCD display screen showing resistivity or conductivity, temperature, water level, date and time in real time
- * Volumetric dispensing function:
 - Flow rate for Type I water 1 L/m
 - Daily production capacity 10L for Type I and II water, 30L for Type III water
- * Water quality for Type I:
 - Resistivity: 18.2 MΩ cm at 25°C
 - TOC: ≤5 ppb
 - Bacteria: ≤ 0.1 CFU/per ml
 - RNase: ≤ 1 pg/per ml
 - DNase: ≤ 5 pg/per ml
 - Endotoxins up to 0.001 EU per ml

Process



- * Support Type III water as a separate output.
- * System is supplied with an external pre-treatment unit adapted to local tap water condition: Main active ingredients: PP cotton + activated carbons.
- * Supply the system with an external storage tank and full installation kit.

| Model | BK-CUWP-30L | |
|--------------------------|---|-------------------|
| Water Output Type | UP water outlet*1, RO water outlet*1, DI water outlet*1 | |
| Water Output Speed(25°C) | 30L/H | |
| Purifying Procedure | PF+AC+RO+AC+UV+UP+TF | |
| Water Supply Requirement | When working, the inlet water pressure is 0.1~0.3Mpa, and the water quality meets the requirements of GB5749, 5~45°C | |
| Purification System | PP filter element*1 Granular activated carbon filter*1 High quality coconut shell activated carbon filter*1 Large T33 filter*1 RO membrane*2 Ultra purification column*4 Capsule filter*1 | |
| UP Water Quality | Resistivity | 18.1MΩ.cm@25°C |
| | Sodium Ion | <0.1µg/l |
| | Chloride Ion | <0.1µg/l |
| | Heavy Metal Ion | <0.1µg/l |
| | Si | <2µg/l |
| | Bacteria | <1cfu/100ml |
| DI Water Quality | Resistivity | 10~18.1MΩ.cm@25°C |
| | Absorbance(254nm, 1 cm optical path length) | ≤0.001 |
| | Soluble Silicon (SiO ₂) | ≤0.01 |
| RO Water Quality | Ion Rejection Rate | 96%~99% |
| | Organic Rejection Rate | >99% |
| | Particles and Bacteria Rejection Rate | >99% |
| Consumption | 74W | |
| Power Supply | AC100~240V, 50/60Hz | |
| Instrument Size(L*W*H) | 400*485*480mm | |
| Package Size(L*W*H) | Main body: 540*455*540mm, 25kg Accessory kit: 425*295*475mm, 5kg | |
| Gross Weight | 30kg | |