

# Water Purification System

## ULTRA- Series (Type I and II)



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Application

- Biochemical analyzer
- Conventional physical and chemical analysis
- Conventional qualitative and quantitative analysis
- Atomic Absorption (AA)
- Atomic Emission (AES)
- High performance liquid chromatography (HPLC)
- Biochemical analysis
- Physical and chemical testing and other conventional qualitative and quantitative analysis;

Feed water Potable tap water: TDS < 200ppm, 5-40°C, 1.0~5.0Kg/cm<sup>2</sup>

Output (Tank is empty, 25°C): 10 liter/hour

Flow rate (Tank is full): 1.5-1.8.0 liter/min (with pressure tank)

Outlet: RO water :Conductivity < 0.1-1μs/cm (Online monitoring)

RO water quality: Ion rejection rate: >99% (New RO membrane)

Resistivity: ≥ 10MΩ.cm

Particle: < 1 ml

Electric supply: 220V, 50-60Hz, 50W

## ►► Working conditions

Environmental temperature 5°C~45°C

Relative humidity 20%~80%

## ►► Features

- It is the most representative products in lab water market.
- RO water, deionized water, or ultrapure water respectively.
- Cartridges replacing alarm function, based on time and water quality, show cartridges used and residual life.
- Multiple alarm function: no feed water, full water, water quality standard exceeding, and cartridge life ending.
- Auto self-flushing of RO membrane function, extend RO membrane's life.
- System sanitizing procedure, achieve the disinfection of ultrapure water's tube and valve.
- External water tanks is optional to meet different need and assure ample water-supply.
- Whole plastic shell with high-strength, avoid rusting and keep clean, to meet GLP standard.
- 2 door and easy-to-replacing cartridge design, convenient to maintain system and replace cartridges.
- Tube and adapter with NSF authorization and top quality, reduce TOC level and assure ultrapure water's quality.
- Optimized pretreatment (including PP fiber, KDF and active carbon cartridge), effectively protect RO membrane.
- High quality RO module membrane, ensure long life, stable operation and high desalinization rate.

## ►► 6 Standard configuration

Main body (1 set of filter cartridge)+5L contamination-free water tank

## ►► Regulatory compliances



## ►► Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



# Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [info@analyticalfoundation.org](mailto:info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## ►► Reach us @



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