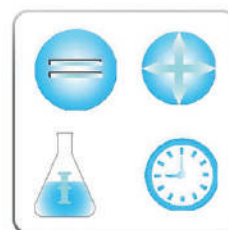


Ultra Water Purification System



Colorful touch screen

5.0 inch high-resolution touch screen controlling system



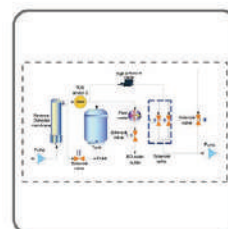
Comprehensive monitoring system

3 water quality sensor, 2 flow sensor
Quantified and timing dispense



Easy-to-replacing cartridge

Independent pretreatment design, and integrated subsequent purification unit design, with fast inserted adapters, easy to replace



Single stage RO and 2 pumps system

1st pump, to achieve single stage RO system, easy to maintain.
2nd pump, to achieve system sanitizing and circulation.

Features and Advantages

Master Touch series is optimized and upgraded on the basis of Master series, which is the sole leading brand of Chinese Good Instrument in lab water area. It is the most representative products in Chinese lab water market.

- 5.0 inch colorful high-resolution touch screen (16:9) controlling system, achieve finger-touch new experience.
- 3 way online water quality sensor, detect the quality of feed water, RO water, deionized water, or ultrapure water respectively. And warn once water quality' s standard exceeding.
- 2 way flow sensor, achieve quantified dispensing of RO water, deionized water, or ultrapure water.
- System sanitizing procedure, achieve the disinfection of ultrapure water' s tube and valve.
- System circulation function, achieve ultrapure water' s circulation to keep top quality of ultrapure water.
- All Cartridges replacing alarm function, based on time, or water quality, show cartridges' used and residual life.
- Multiple alarm function: no feed water, full water, water quality' s standard exceeding, and cartridge life ending.
- Auto self-flushing of RO membrane function (interval and continuous time setting), extend RO membrane' s life.
- Auto running data storing function with built-in SD card, and data can be exported through the USB interface.
- Comprehensive Information query and management function, master system status, water quality, cartridges usage and alarm information.
- System time setting (year/month/day/hour/minute), timing standby (0-60 minute), and timing shutdown (0-24 hour) function.
- Level II password, protect all the parameters setting, and prohibit any unauthorized setting change.
- 2 kind of pure water tank (liquid level PE tank and pressure tank). Also external tanks is optional.
- Whole plastic shell with high-strength, avoid rusting and keep clean, to meet GLP standard.
- 3 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.
- RO module with DOW' s membrane, ensure long life, stable operation and high desalination rate.
- 4 in 1 ultrapure cartridge (can be divided to 4 independent cartridge) with DOW' s top polishing resin, ensure ultrapure water' s quality up to 18.2 MΩ.cm, with the lowest TOC level.
- Double wavelength (185&254nm) ultraviolet lamp module, restrain bacteria' s increase and reduce TOC.
- MWCO 5000D ultrafiltration module, effectively eliminate endotoxin, and suitable for precise cell cultivating and IVF.
- (0.45±0.1)µm double layer PES terminal disinfection filter, assure that terminal pure water is absolutely axenic.

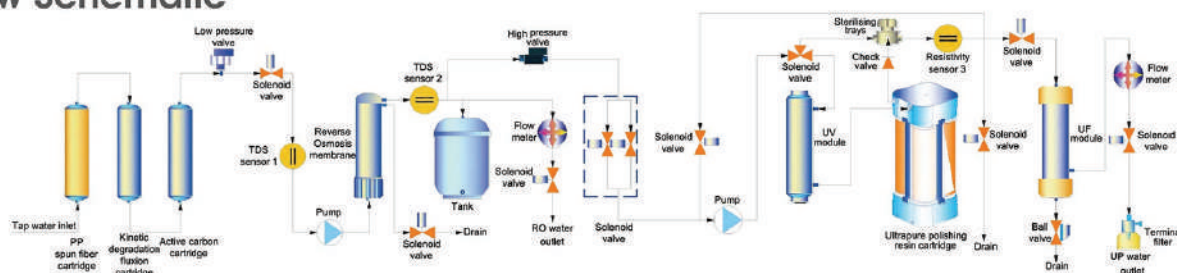
Ultra Water Purification System



With 5.0 inch touch screen system, 3 way water quality sensor, 2 way flow sensor for quantified dispensing, single stage RO system and 2 pumps, Master Touch-S series ultrapure water system is superior choice of ultrapure water for high grade experiments.

With tap water inlet, its output ranges from 15 to 30 liters/hour. It can produce single stage RO water and ultrapure water. The single stage RO water' s ion rejection rate is more than 96%, and the ultrapure water' s resistivity absolutely reaches to 18.2MΩ.cm. It completely meets the highest grade I standard of ASTM, CAP, CLSI, EP and USP.

Flow Schematic



Specifications

Model	Standard	Elimiating endotoxin	Low Toc	Low Toc
	Ultra-3015	Ultra-3015 UF	Ultra-3015 UV	Ultra-3015 UVF
	Ultra-3030	Ultra-3030 UF	Ultra-3030 UV	Ultra-3030 UVF
Output(25℃)*	15series-15 liters/hour, 30 series-30 liters/hour			
Flow rate	Up to 2 liters/minute (with pressure tank)			
Pure water outlet	2: reverse osmosis water, ultrapure water			
Ultrapure water quality				
Resistivity(25℃)	18.2MΩ.cm			
TOC*	<10ppb	<10ppb	<3ppb	<3ppb
Bacteria	<0.1cfu/ml			
Particle(>0.1μm)	<1/ml			
Endotoxin	N/A	<0.001Eu/ml	N/A	<0.001Eu/ml
RNases	N/A	<0.01ng/ml	N/A	<0.01ng/ml
DNases	N/A	<4pg/μl	N/A	<4pg/μl
RO water quality				
Ion rejection rate	96%-99% (new RO membrane)			
Organic rejection rate	>99%, when MW>200 Dalton			
Particles and bacteria rejection rate	>99%			
Feed water requirements	Tap water, temperature:5-45℃,pressure:1.0-4.0Kgf/cm ²			
Dimension and weight	Length×Width×Height:500×360×540mm / Weight: about 20Kg			
Electrical requirements	AC100-240V, 50/60Hz			
Power	120W			
Standard configuration	Main body (Including 1 set of cartridge)+15 liters pressure tank			

Remarks:

*The value will be influenced by temperature and feed water' s quality.

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Analyzer



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CLIA



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Chemistry Analyzer



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Analyzer



Random access Analyzer
for immunoassay
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Semen Analyzer



Water purification
system

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

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