



Hyperpurex®

# Lab Water Solutions Product Overview

# Breakthrough and Innovation, All New Masterpiece



## X Flagship series

### Intelligent Integration Pure Water/High Pure Water/Ultrapure Water System

X series, using the innovative intelligent human-computer interactive control system and 7-inch colorful capacitive touch screen, integrating functions of Internet of Things (IOT) and cloud platform, embedding new purification cartridges with patented structure, rigorous double RO system<sup>[1]</sup>, advanced EDI module<sup>[2]</sup> and DI ion-exchange cartridges with larger capacity, equipping with professional-grade pure water tank with 60-liter and HiDis water dispenser arm, can meet your critical and professional application requirements of lab pure water.

System output ranges from 10 to 60 liters/h. It can simultaneously produce ultrapure water (18.2MΩ.cm), high pure water (>17.5MΩ.cm) and pure water (<5μs/cm)<sup>[3]</sup>. The quality of pure water fully meets or exceeds the requirements of water quality standard specified by ASTM D1193-06, GB/T 11446.1-2013, GB/T 33087-2016, GB/T 6682-2008, CP, EP, USP, JP, CAP, CLSI, etc.

<sup>[1]</sup> The double RO system is only used for XUS/XUE series products.

<sup>[2]</sup> EDI module is only used for XUE series products.

<sup>[3]</sup> XUS/XUE series products can produce double RO water (<5μs/cm).

#### Product Series

- XU Intelligent Integration Ultrapure Water System  
[Ultrapure water, high pure water, and RO1st water | 20、40、60 liters/h]
- XUS Intelligent Integration Ultrapure Water System  
[Ultrapure water, high pure water, and RO2nd water | 13、25 liters/h ]
- XUE Intelligent Integration Ultrapure Water System  
[Ultrapure water, EDI water, and RO2nd water | 10、20 liters/h]
- XU-UVM Intelligent Ultrapure Water System  
[Ultrapure water, EDI water, and RO2nd water | 10、20 liters/h]

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# L Discovery series

## Intelligent Integration Pure Water/High Pure Water/Ultrapure Water System

L series, using the innovative intelligent human-computer interactive control system and 5-inch colorful capacitive touch screen, integrating functions of Internet of Things (IOT) and cloud platform, embedding new purification cartridges with patented structure, rigorous double RO system<sup>[1]</sup>, advanced EDI module<sup>[2]</sup> and DI ion-exchange cartridges with larger capacity, equipping with professional-grade pure water tank with 60-liter, can meet your critical and professional application requirements of lab pure water.

System output ranges from 10 to 60 liters/h. It can simultaneously produce ultrapure water (18.2MΩ.cm), high pure water (>17.5MΩ.cm) or pure water<sup>[3]</sup>. The quality of pure water fully meets or exceeds the requirements of water quality standard specified by ASTM D1193-06, GB/T 11446.1-2013, GB/T 33087-2016, GB/T 6682-2008, CP, EP, USP, JP, CAP, CLSI, etc.



<sup>[1]</sup> The double RO system is only used for LUS/LDS/LUE/LDE series products.

<sup>[2]</sup> EDI module is only used for LUE/LDE series products.

<sup>[3]</sup> LD series products can produce single RO water (ion rejection rate  $\geq 98\%$ ).  
LDS/LDE series products can produce double RO water ( $<5\mu\text{s/cm}$ ).

### Product series

- LU Intelligent Integration Ultrapure Water System [Ultrapure water, high pure water | 20、40、60 liters/h]
- LD Intelligent Integration Pure Water System [High pure water, RO<sup>1st</sup> water | 20、40、60 liters/h]
- LUS Intelligent Integration Ultrapure Water System [Ultrapure water, high pure water | 13、25 liters/h]
- LDS Intelligent Integration Pure Water System [High pure water, RO<sup>2nd</sup> water | 13、25 liters/h]
- LUE Intelligent Integration Ultrapure Water System [Ultrapure water, EDI water | 10、20 liters/h]
- LDE Intelligent Integration Pure Water System [EDI water, RO<sup>2nd</sup> water | 10、20 liters/h]



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# E Eminent series

## Intelligent Integration Pure Water/Ultrapure Water System

E series, using the innovative human-computer interactive control system and 5-inch IPS colorful capacitive touch screen, integrating functions of Internet of Things (IOT) and cloud platform, embedding new purification cartridges with patented structure, rigorous double RO system, and DI ion-exchange cartridges with larger capacity, equipping with 35-liter pure water tank, meet your critical and professional application requirements of lab pure water.

System output ranges from 10 to 60 liters/h. It can simultaneously produce ultrapure water (18.2MΩ.cm), high pure water (>17.5MΩ.cm) or pure water<sup>[3]</sup>. The quality of pure water fully meets or exceeds the requirements of water quality standard specified by ASTM D1193-06, GB/T 11446.1-2013, GB/T 33087-2016, GB/T 6682-2008, CP, EP, USP, JP, CAP, CLSI, etc.



<sup>[1]</sup> The double RO system is only used for EUS/EDS/ERS series products.

<sup>[2]</sup> EDI module is only used for EUE/EDE series products.

<sup>[3]</sup> ED/ERS series products can produce single RO water (ion rejection rate  $\geq 98\%$ ).  
EDS/ERS series products can produce double RO water ( $<5\mu\text{s/cm}$ ).

### Product series

- EU Intelligent Integration Ultrapure Water System [Ultrapure water, high pure water | 20、40、60 liters/h]
- ED Intelligent Integration Pure Water System [High pure water, RO<sup>1st</sup> water | 20、40、60 liters/h]
- EUS Intelligent Integration Ultrapure Water System [Ultrapure water, high pure water | 13、25 liters/h]
- EDS Intelligent Integration Pure Water System [High pure water, RO<sup>2nd</sup> water | 13、25 liters/h]
- EUE Intelligent Integration Ultrapure Water System [Ultrapure water, EDI water | 10、20 liters/h]
- EDE Intelligent Integration Pure Water System [EDI water, RO<sup>1st</sup> water | 10、20 liters/h]
- ERS Intelligent Integration Double RO Water System [RO<sup>2nd</sup> water, RO<sup>1st</sup> water | 13、25 liters/h]



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# S Smart series

## Integrated Pure Water/Ultrapure Water System

S series, using the innovative automatic control system and LCD display, embedding new purification cartridges with patented structure, stable and reliable RO system with higher ion rejection rate, and DI ion-exchange cartridges with larger capacity, equipping with built-in 1.8-liter pressure water tank, more economical and cost-effective, is the economic choice for lab pure water.

System output ranges from 13 to 60 liters/h (SP series, with pure water inlet, output is up to 2 liters/minute). It can simultaneously produce ultrapure water (18.2MΩ.cm), high pure water (>17.5MΩ.cm) or pure water(<5μs/cm)<sup>[1]</sup>. The quality of pure water fully meets or exceeds the requirements of water quality standard, specified by ASTM D1193-06, GB/T 11446.1-2013, GB/T 33087-2016, GB/T 6682-2008, CP, EP, USP, JP, CAP, CLSI, etc.

<sup>[1]</sup> SU/SD series products can produce single RO water (ion rejection rate ≥ 98%).

SRS series products can produce double RO water (<5μs/cm).



### Product series

- SU Integrated Ultrapure Water System  
[Ultrapure water, RO<sup>1st</sup> water | 20、40、60 liters/h]
- SD Integrated Pure Water System  
[High pure water, RO<sup>1st</sup> water | 20、40、60 liters/h]
- SRS Integrated Double RO Water System  
[RO<sup>2nd</sup> water, RO<sup>1st</sup> water | 13、25 liters/h]
- SP Ultrapure Water System  
[Ultrapure water, high pure water | Up to 2 liters/minute]



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# Xion

## Element Purification Unit

Avoid the interference of trace contaminants on the analysis, meet the increasingly strict requirements for ultrapure water.

The Hyperpure Xion unit, matched with a Hyperpure X or P series water purification system, provide analytical-grade ultrapure water that is suitable for trace and ultra-trace elemental analyses, various trace and ultra-trace element analyses represented by ICP-MS-MS and HR-ICP-MS.

Hyperpure Xion unit can purify the ultrapure water from Hyperpure XUE- 10/20 UV or PU-UV even further, reduce the impurity level to the ppt or sub-ppt level\*.



### Product series

- Xion  
Element Purification Unit



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# FX Flagship series

## Intelligent Medium Lab Pure Water System

Integrated all plastic box body, featuring FX-pure water production system with a 200-liter PE pure water tank and PWS-intelligent storage and distribution system, showcasing technological aesthetics through breakthrough design.

FX-pure water production system, using the innovative intelligent human-computer interactive control system and 7-inch colorful capacitive touch screen, integrating functions of Internet of Things (IOT) and cloud platform, embedding new purification cartridges with patented structure, rigorous double RO system<sup>[1]</sup>, advanced EDI module<sup>[2]</sup> and DI ion-exchange cartridges with larger capacity.

System output: 50-250 liters/h, It can simultaneously produce ultrapure water (18.2MΩ.cm), high pure water (>17.5MΩ.cm) and pure water (<5μs/cm)<sup>[3]</sup>. The quality of pure water fully meets or exceeds the requirements of water quality standard specified by ASTM D1193-06, GB/T 11446.1-2013, GB/T 33087-2016, GB/T 6682-2008, CP, EP, USP, JP, CAP, CLSI, etc.

Optional PWS-intelligent storage and distribution system module, compatible with various accessories, delivers pure water through lab pure water pipelines at specific flow rates and pressures, meeting the overall pure water needs of multiple lab or entire lab building.



<sup>[1]</sup> The RO<sup>2nd</sup> system is only used for FXUS/FXUE/FXDE series products

<sup>[3]</sup> RO water (<5μs/cm) is only applicable to RO<sup>2nd</sup> system

<sup>[2]</sup> EDI module is only used for FXUE/FXDE series products.

### Product series

- FXU Intelligent Medium Ultrapure Water System  
[Ultrapure water, high pure water, and RO<sup>1st</sup> water | 60、120、180、250 liters/h]
- FXUS Intelligent Medium Ultrapure Water System  
[Ultrapure water, high pure water, and RO<sup>2nd</sup> water | 50、100、150 liters/h]
- FXUE Intelligent Medium Ultrapure Water System  
[Ultrapure water, EDI water, RO<sup>2nd</sup> water | 50、100、150 liters/h]
- FXDE Intelligent Medium Pure Water System  
[EDI water, RO<sup>2nd</sup> water | 50、100、150 liters/h]
- FXRS Intelligent Medium Ultrapure Water System
- FXRO Intelligent Medium Ultrapure Water System



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# FC Block series

## Intelligent Modular Central Pure Water System

Forward-looking modular design concept, highly integrating 4 independent module: PF-pretreatment, RO<sup>2nd</sup> main host, EDI, and PWS-pure water storage and supplying, into one. Supplying pure water through professional pure water pipelines to meet the pure water requirements of your entire lab building or production process.

Using the control system, integrating 10" colorful touch screen and PLC control module with Internet of Things (IOT) and cloud platform functions, standard/professional pretreatment system<sup>[1]</sup>, industrial-grade single / double RO system<sup>[2]</sup>, advanced EDI module<sup>[3]</sup>, DI ion-exchange cartridges with larger capacity and post purification unit<sup>[4]</sup>.

System output: 250, 500 L/h. Daily production is up to 12,000 L. it can produce ultrapure water (18.2MΩ.cm), EDI water (resistivity>15 MΩ.cm, TOC<30ppb) or secondary RO water (<5μs/cm)<sup>[5]</sup> with lower running cost. The quality of pure water fully meets or exceeds the water quality standards stipulated by ISO3696(Grade 2 water), GB/T 6682 (Grade 1 water), ASTM D1193(Type II reagent grade water), JIS K0557, etc. It also meets the technical requirements of CP, EP, USP, JP and other national pharmacopoeia for purified water.



### Product series

- FSU Medium Ultrapure Water System  
[Ultrapure water, RO<sup>1st</sup> water | 60、120、180、250 liters/h]
- FSD Medium Pure Water System  
[High pure water, RO<sup>1st</sup> water | 60、120、180、250 liters/h]
- FSRS Medium Double RO Water System  
[RO<sup>1st</sup> water, RO<sup>2nd</sup> water | 50、100、150 liters/h]



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# FE Eminent series

## Medium Lab Pure Water System

FE series, using the innovative human-computer interactive control system and 5-inch IPS colorful capacitive touch screen, integrating functions of Internet of Things (IOT) and cloud platform, embedding new purification cartridges with patented structure, rigorous double RO system, and DI ion-exchange cartridges with larger capacity, meet your critical and professional application requirements of lab pure water.

System output ranges from 50 to 250 liters/h. It can simultaneously produce ultrapure water (18.2MΩ.cm), high pure water (>17.5MΩ.cm) or pure water<sup>[3]</sup>. The quality of pure water fully meets or exceeds the requirements of water quality standard specified by ASTM D1193-06, GB/T 11446.1-2013, GB/T 33087-2016, GB/T 6682-2008, CP, EP, USP, JP, CAP, CLSI, etc.

<sup>[1]</sup> The double RO system is only used for FEUS/FEDS/FEUE/FEDE/FERS series products.

<sup>[2]</sup> EDI module is only used for FEUE/FEDE series products.

<sup>[3]</sup> FED/FERS series products can produce single RO water (ion rejection rate  $\geq 98\%$ ).

FEDS/FEDE/FERS series products can produce double RO water ( $<5\mu\text{s/cm}$ ).



### Product series

- FEU Medium Ultrapure Water System  
[Ultrapure water, high pure water | 60、120、180、250 liters/h]
- FED Medium Pure Water System  
[High pure water, RO<sup>1st</sup> water | 60、120、180、250 liters/h]
- FEUS Medium Ultrapure Water System  
[Ultrapure water, high pure water | 50、100、150 liters/h]
- FEDS Medium Pure Water System  
[High pure water, RO<sup>2nd</sup> water | 50、100、150 liters/h]
- FEUE Medium EDI Ultrapure water system  
[Ultrapure water, high pure water | 50、100、150 liters/h]
- FEDE Medium EDI Pure Water System  
[High pure water, RO<sup>2nd</sup> water | 50、100、150 liters/h]
- FERS Medium Double RO Water System  
[RO<sup>1st</sup> water, RO<sup>2nd</sup> water | 50、100、150 liters/h]



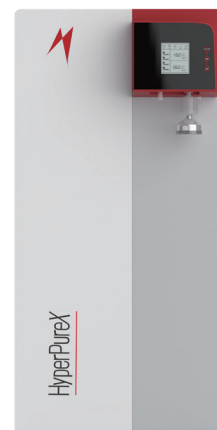
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# FS Smart series

## Medium Lab Pure Water System

FS series, using the innovative automatic control system and LCD display, embedding new purification cartridges with patented structure, stable and reliable RO system with higher ion rejection rate, and DI ion-exchange cartridges with larger capacity, equipping with built-in 7.5-liter pressure water tank, more economical and cost-effective, is the economic choice for lab pure water.

System output ranges from 50 to 250 liters/h. It can simultaneously produce ultrapure water (18.2MΩ.cm), high pure water (>17.5MΩ.cm) or pure water (ion rejection rate  $\geq 98\%$ ). The quality of pure water fully meets or exceeds the requirements of water quality standard, specified by ASTM D1193-06, GB/T 11446.1-2013, GB/T 33087-2016, GB/T 6682-2008, CP, EP, USP, JP, CAP, CLSI, etc.



### Product series

- FSU Medium Ultrapure Water System  
[Ultrapure water, RO<sup>1st</sup> water | 60、120、180、250 liters/h]
- FSD Medium Pure Water System  
[High pure water, RO<sup>1st</sup> water | 60、120、180、250 liters/h]
- FSRs Medium Double RO Water System  
[RO<sup>1st</sup> water, RO<sup>2nd</sup> water | 50、100、150 liters/h]



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# Born to Break Boundaries, Simply Unstoppable



## P Pursuit series

### Intelligent Ultrapure Water System

P series, using the innovative intelligent human-computer interactive control system and, 7-inch colorful capacitive touch screen, integrating functions of Internet of Things (IOT) and cloud platform, embedding new purification cartridges with patented structure and DI ion-exchange cartridges with larger capacity, equipping with powerful HiDis water dispenser arm, can meet your critical and professional application requirements of lab pure water.

With pure water inlet<sup>[1]</sup>, system output: up to 2 liters/minute. It can produce ultrapure water (18.2MΩ.cm). The quality of pure water fully meets or exceeds the requirements of water quality standard specified by ASTM D1193-06, GB/T 11446.1-2013, GB/T 33087-2016, GB/T 6682-2008, CP, EP, USP, JP, CAP, CLSI, etc.

<sup>[1]</sup> The recommended inlet water conductivity should be less than 5μs/cm.

#### Product Series

- PU Intelligent Ultrapure Water System  
[Ultrapure water | Up to 2 liters/minute]
- PU-UVM Intelligent Ultrapure Water System  
[Ultrapure water | Up to 2 liters/minute]

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# Lab Water New Choice



For more product details, please login: [www.hpurex.com](http://www.hpurex.com)  
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