



ES-PROE-Series

Ultra Pure Water System



LABORATORY

Applications

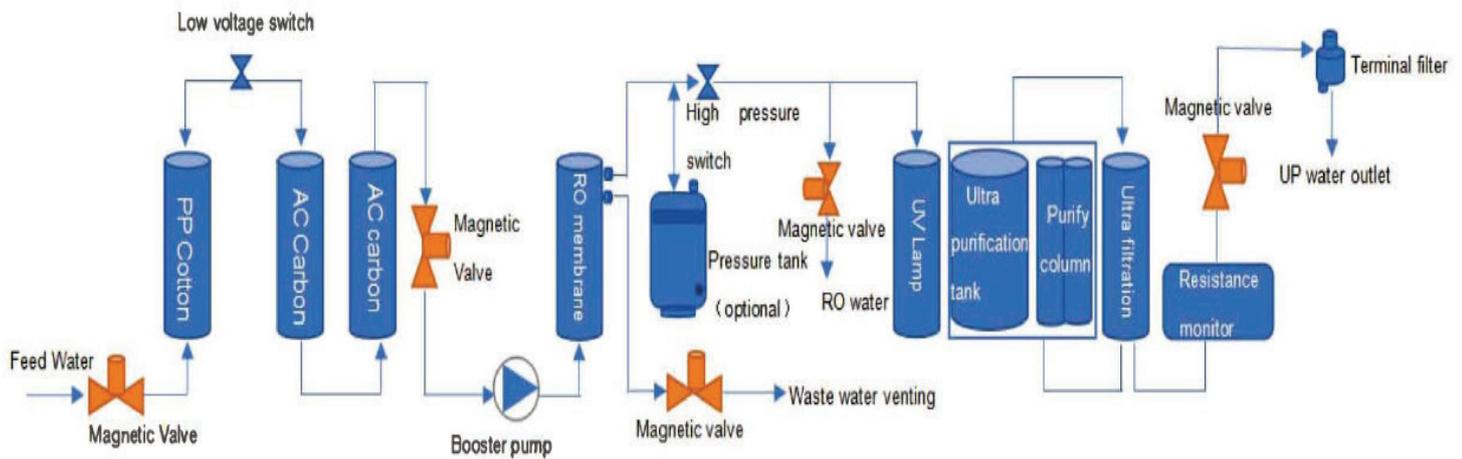
ES-PROE/S-UP: physical & chemical test, blood inspection, flushing, biochemical, micro, HPLC, IC and GC analysis.

ES-PROE/P-UP-V: atom absorption/emission mass spectrum analysis, TOC detection, environment monitoring, biochip developing, micro organics analysis

ES-PROE/S-UP-F: ICP/MS, PCR, PPT isotope analysis, molecular biology, life science, disease control center, medicine and quality inspect institute, college research lab etc

ES-PROE/S-UP-VF: molecular biology. life science, gene study. cell culture, amino acid analysts, protein purify, toxic study. drug develop, medical inspection

Filtering Process





Characteristics

- Full-automatic microcomputer control display monitors power supply, water shortage, water production, water full, flush, and strong flush control in real time.
- Fully automatic RO membrane anti-fouling washing program and regular washing program to prolong the service life of RO membrane.
 - Real-time on line water flow monitoring, water pressure monitoring, water production monitoring and water pressure monitoring.
 - On-line resistivity monitoring of water quality, on-line detection of multiple working states, and real-time operation data.
 - The main components are imported brands to ensure excellent water quality and a variety of different configurations to meet your experimental needs.
 - Floor-standing design, with movable and fixed feet at the bottom, making installation and movement more convenient
 - The front of the machine is equipped with an independent water intake end, which is convenient and quick.
 - Double electric water intake: RO water, ultra-pure water, two kinds of water outlets.
 - Multiple safety protection, exquisite chassis and beautiful appearance.
 - Free portable TDS water quality testing pen.
 - Configure ultra-large capacity purification tank.
 - Large-screen color touch LCD display intelligent operation man-machine interface;
 - Three-way water quality monitoring, which can simultaneously display RO conductivity value, UP resistivity value, temperature value, raw water TDS value and pressure, and equipment operating status indication;
 - Double password protection, user password protection, initial password factory mode password protection
 - Equipped with USB Host interface, it supports data export function of historical alarm record and historical water intake record.
 - With automatic stand by timer, it will automatically stop all output and enter shutdown mode after the shutdown time.
 - Timing quantitative water intake and a series of powerful functions.
 - Floor-standing design with movable and fixed feet at the bottom for easier installation and movement.
 - RO water, deionized water, two water outlets.
 - Multiple safety protection, compact chassis and beautiful appearance.
 - Present the portable TDS water quality test pen.
 - Configure a large capacity purification tank.
 - The front of the machine is equipped with a separate water intake end.

Parameters

Model	Standard	Eliminating endotoxin	LowTOC	Synthesizing
	ES-PROE/S-UP-40	ES-PROE/S-UP-F40	ES-PROE/S-UP-V40	ES-PROE/S-UP-VF40
	ES-PROE/S-UP-60	ES-PROE/S-UP-F60	ES-PROE/S-UP-V60	ES-PROE/S-UP-VF60
	ES-PROE/S-UP-80	ES-PROE/S-UP-F80	ES-PROE/S-UP-V80	ES-PROE/S-UP-VF80
	ES-PROE/S-UP-100	ES-PROE/S-UP-F100	ES-PROE/S-UP-V100	ES-PROE/S-UP-VF100
	ES-PROE/S-UP-120	ES-PROE/S-UP-F120	ES-PROE/S-UP-V120	ES-PROE/S-UP-VF120
Process	PP+AC+AC+RO+UP+TF	PP+AC+AC+RO+UP+UF+TF	PP+AC+AC+RO+UV+UP+TF	PP+AC+AC+RO+UV+UP+UF+TF
Output 25°C*	40L/H, 60L/H, 80L/H, 100L/H, 120L/H			
Flow rate	Up to 2 liters/minute(with pressure tank)			
Pure water outlet	2: reverse osmosis water, ultra pure water			
Ultra pure water quality				
Resistivity 25°C	18.2MO.cm			
TOC*	<10ppb	<10ppb	<3ppb	<3ppb
Bacteria	<0.1cfu/ml			
Particle >0.22µm	<1/ml			
Endotoxin	N/A	<0.001 Eu/ml	N/A	<0.001 Eu/ml
RO water quality				
Ion rejection rate	95%-99% (new RO membrane)			
Particles and bacteria rejection rate	>99%			
Feed water requirement	Tap water, temperature:5-45°C,pressure: 1.0-4.0Kgf/cm2			
Dimension and weight	L *W*H: 50x52x108cm/ Weight: about 80-100Kg			
Electrical requirement	AC 110-240V, 50/60Hz			
Power	72-240W			
Standard configuration	Main engine (including 1 set of purification column)+40L/60L pressure tank(40L for below 80L 60L for above 80L) + terminal filter + accessory package			