WSP

Water Purification System

aquaMAX™ - Basic 360 Series

aquaMAX™ - Ultra 370 Series

aquaMAX™ - Basic 360 Series

with Reverse Osmosis Technology

Various improved functions for superior performance in your laboratory

- ✓ Convenient Operation
- ✓ Easy Maintenance
- ✓ Refined Design
- ✓ Quiet Operation
- ✓ Alarm for Filter Replacement

The highest water quality

- Easy to upgrade by adding RO Post pack to produce Type Ⅱ water (ASTM)
- Auto-rinsing to keep constant water quality
- Sensing Cell to display accurate water quality (Conductivity & Resistivity) by automatic temperature compensation

Convenience for users

- One-touch clip type filters : Easy to replace filters by user
- Monitoring self test, filter replacement, Auto-rinsing and service check
- Separated modules for easy maintenance

Safety function

- Pressure regulator to prevent the instrument from damage by constant pressure
- Pressure blocking: High and low pressure limit blocking for safe operation

Attractive price

- The higher water quality you get, the lower cost we provide

RO Membrane Pack (Use of thin film composite(TFC) membrane)

- When water passes through the filter, pure water is produced by reverse osmosis (Pack 1 : 10 ℓ /H, Pack 2 : 20 ℓ /H)

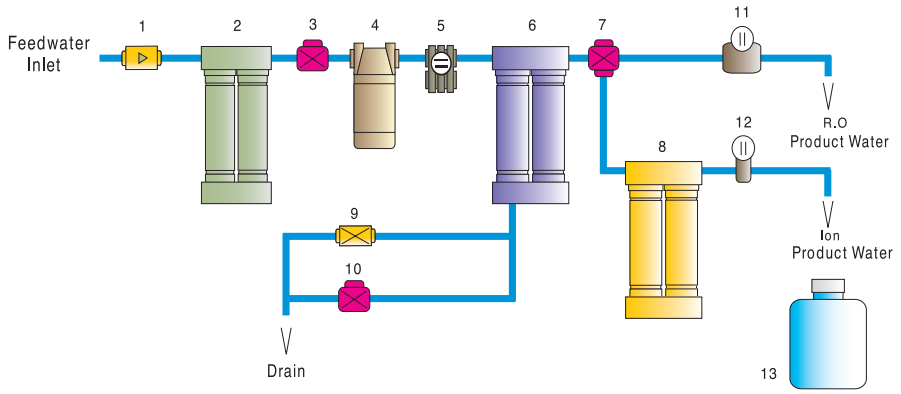
RO Pre Pack

- Removal of particles larger than 5um
- Filtering of chloride in tap water to protect RO Pack

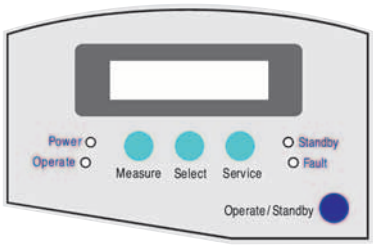
RO Post Pack

- It reduces anions and cations as well as the level of remaining organics

aquaMAX™ Basic 360 Series Flow Diagram

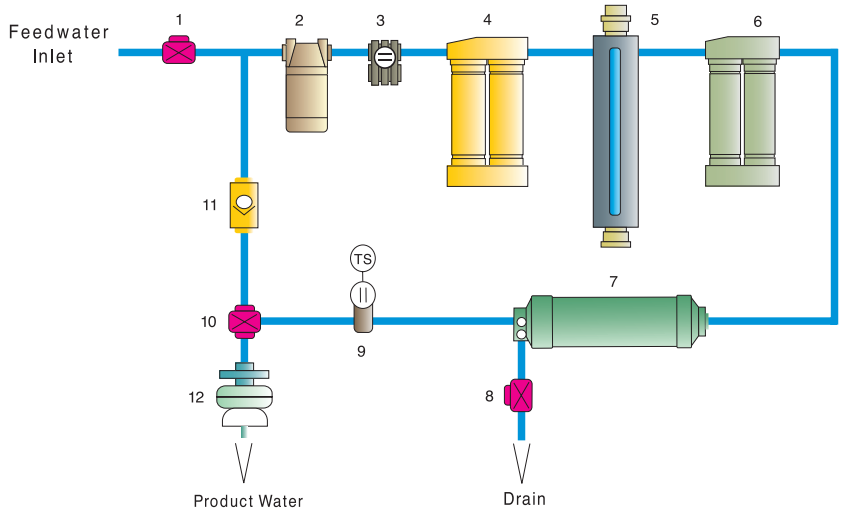


1. Regulator
2. R.O Pre Pack
3. Inlet Solenoid Valve
4. Pump
5. Pressure Sensor
6. R.O Membrane Pack
7. Product Solenoid Valve
8. R.O Post Pack
9. Pressure Valve
10. Reject Solenoid Valve
11. Conductivity Cell
12. Resistivity Cell
13. Water Reservior



LED Lamp	Water quality and performance monitoring with alarm
Measure	Conductivity & Resistivity Monitoring
Select	Run the selected operation
Service	Service function run (filter replacement, etc.)
Operate/Standby	Selection of Operate/Standby
LCD Display	Display of text message and value

aquaMAX™ Ultra 370 Series Flow Diagram



1. Inlet Solenoid Valve
2. Pump
3. Pressure Sensor
4. Ultra Pack 1
5. UV Sterilizing Filter (Option)
6. Ultra Pack 2
7. UF Filter (Option)
8. Flush Solenoid Valve
9. Resistivity Cell
10. PSO Valve
11. Check Valve
12. Final Filter

aquaMAX™ - Ultra 370 Series

The best choice for ideal water quality in your lab.

- ✓ Convenient Operation
- ✓ Easy Maintenance
- ✓ Refined Design
- ✓ Quiet Operation
- ✓ Alarm for Filter Replacement

The highest water quality

- aquaMAX™-Ultra370 Series produce Type Ⅰ grade in electrical resistivity 18.2 MΩ · cm and TOC level to< 10 ppb
- The water quality of aquaMAX™-Ultra 370 Series complies with ASTM, CAP, ACS and NCCLS to be used with HPLC, GC, IC, AAS, ICP and ICP-MS

Resistivity Measurement

- Measuring the resistivity by automatic temperature compensation for accurate measurement
- Easy to select temp. compensation function at your fingertips


Ultra Pack

Ultra Pack

- Almost perfect removal of organic materials
- In applications such as HPLC, Cell-transmitter, Pharmacy and Labs


UV Filter

UF Filter (Polysulphone membrane)

- Filtering various bacteria and impurities to reduce Pyrogen to 0.06 Eu/ml


UF Filter

UV Filter

- Significantly low TOC level (<5ppb) for preparation of analytical grade reagents


Final Filter

0.2 μm Final Filter

- Final filtering of impurities for produced water and prevention of contamination at drain

Easy Filter Replacement

- Filter can be simply replaced by user
- One-touch clip to prevent leakage

aquaMAX™- Basic 360 Series System

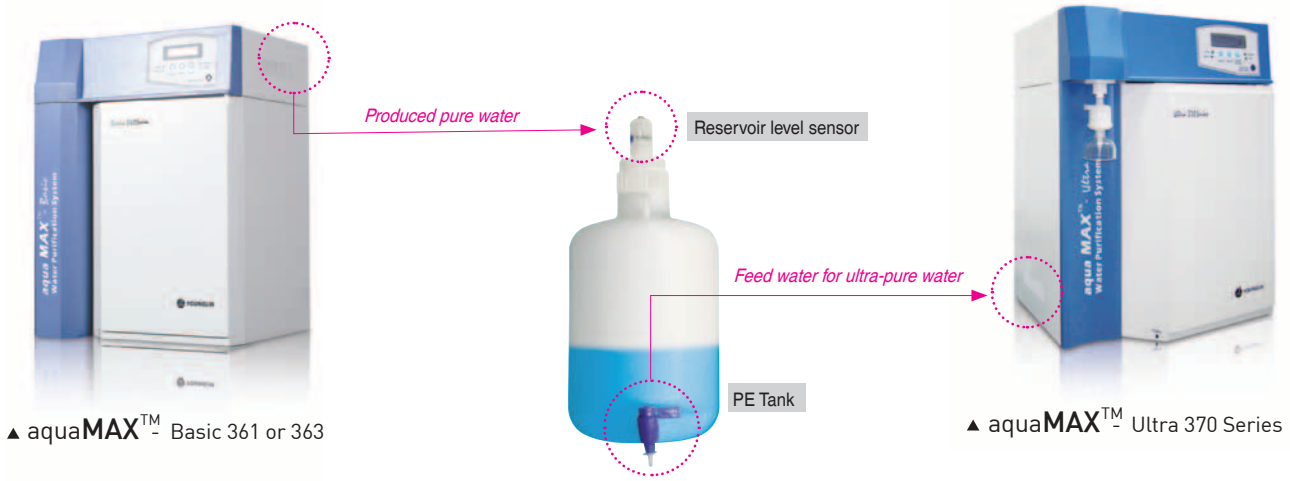
Model		aquaMAX™-Basic 360	aquaMAX™-Basic 361	aquaMAX™-Basic 362	aquaMAX™-Basic 363
Part No.		3601011000	3601011001	3601011002	3601011003
Water grade		Type Ⅲ water/Standard	Type Ⅱ water/Standard	Type Ⅲ water/Extended capacity	Type Ⅱ water/Extended capacity
Productivity		10 ℓ / H	10 ℓ / H	20 ℓ / H	20 ℓ / H
Water Quality		- Ion removal 95~99% - Particle removal 99% - Bacteria removal 99.99% - Pyrogen removal 99% - Organics removal 99%	1~15 MΩ · cm	- Ion removal 95~99% - Particle removal 99% - Bacteria removal 99.99% - Pyrogen removal 99% - Organics removal 99%	1~15 MΩ · cm
Filter Type	Pretreatment	V	V	V	V
	Reverse Osmosis	V	V	V	V
	Ion exchange		V		V
Feed water requirement		PH : 3~10, TDS : lower than 500ppm, Temp : 4~35℃, Pressure : 1~5Kg/cm², Turbidity : 1.0 NTU			
Environment Requirement		Temp : 5~40℃, Humidity : 20~80%			
Applications		- Washing/Rinsing - Autoclaves - Steam Generators	- Same as Basic 360 - Buffer and Media Preparation, Electrophoresis - Feed Water for Ultra-Pure Water	- Washing/Rinsing - Autoclaves - Steam Generators	- Same as Basic 362 - Buffer and Media Preparation, Electrophoresis - Feed Water for Ultra-Pure Water

aquaMAX™- Ultra 370 Series System

Model	aquaMAX™-Ultra 370 (Standard)	aquaMAX™-Ultra 371 (UF Version)	aquaMAX™-Ultra 372 (UV Version)	aquaMAX™-Ultra 373 (UV/UF Version)
Part No.	3701011000	3701011001	3701011002	3701011003
Applications	Reagents, General analysis, IC, AAS, HPLC, ICP-MS, Standard solvents and buffer solutions	Mammalian cell culture, DNA sequencing, Electrophoresis, Monoclonal antibody production	Ultra-trace inorganic and organic analysis, GC-MS and TOC analysis	Including all applications of UV and UF version, PCR, 2-dimensional eletrophoresis, cell culture
Resistivity(at 25℃)	18.2MΩ · cm	18.2MΩ · cm	18.2MΩ · cm	18.2MΩ · cm
TOC	5~10 ppb	5~10 ppb	1~5 ppb	1~5 ppb
Pyrogen	-	<0.06 Eu/ml	-	<0.06 Eu/ml
Flow Rate(Max)	1.5 ℓ / min	1.5 ℓ / min	1.5 ℓ / min	1.5 ℓ / min

◈ The specipication is subject to change depending on the water quality of feedwater.

● Ultra-pure/Pure Water Purification System Package



▲ aquaMAX™- Basic 361 or 363

▲ aquaMAX™ Ultra 370 Series

Water Purification System

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JAS-ANZ

ISO9001 Certified

These Products are manufactured by Young Lin
ISO 9001-certified facility that is periodically audited by the registering body to ensure compliance