



aquaMAXTM - Basic 360 Series

aquaMAXTM - Ultra 370 Series

>> Water Purification System



Various improved functions for superior performance in your laboratory

aquaMAX™ - Basic 360 Series

with Reverse Osmosis Technology



Convenient Operation

Easy Maintenance

Refined Design

Quiet Operation

Alarm for Filter Replacement

Features of aquaMAX™ - Basic 360 Series

● The highest water quality

- Easy to upgrade by adding R.O 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.



① RO Membrane Pack

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

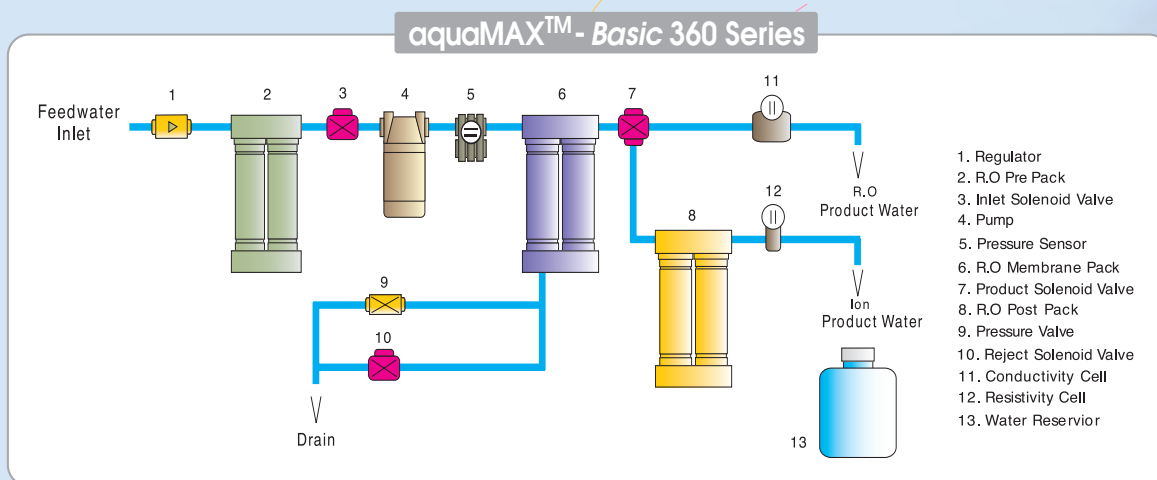
② RO Pre Pack

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

③ RO Post Pack

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

aquaMAX™ - Basic Flow Diagram



LED Lamp Water quality and performance monitoring with alarm

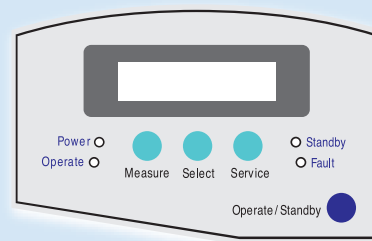
Measure Conductivity & Resistivity Monitoring

Select Run the selected operation

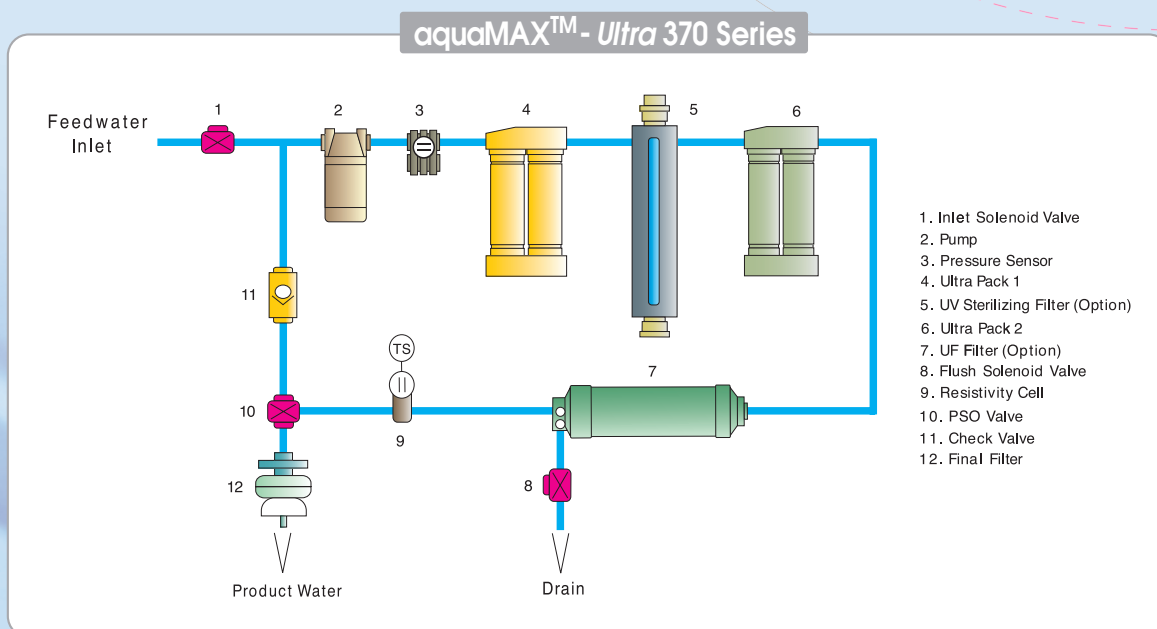
Service Service function run (filter replacement etc.,)

Operate/Standby Selection of Operate/Standby

LCD Display Display of text message and value



aquaMAX™ - Ultra Flow Diagram



The best choice for ideal water quality in your lab.

aquaMAX™ - Ultra 370 Series

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



Features of aquaMAX™ - Ultra 370 Series

● The highest water quality

- aquaMAX™ - Ultra produces Type I grade in electrical resistivity 18.2M Ω ·cm and TOC level to <10 ppb.
- The water quality aquaMAX™ - Ultra 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 at your fingertips

● Ultra Pack

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

● UF Filter

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

● UV Filter

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

● 0.2 μ m Final Filter

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



Simple Filter Replacement



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

aquaMAX™ - Basic 360 Series System

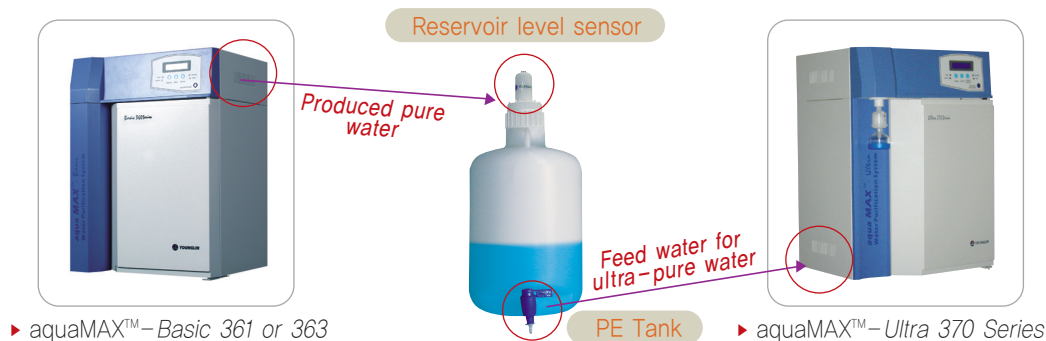
Model	aquaMAX™ - Basic 360	aquaMAX™ - Basic 361	aquaMAX™ - Basic 362	aquaMAX™ - Basic 363
Part No.	3601011000	3601011001	3601011002	3601011003
Water grade	Type III water/Standard	Type II water/Standard	Type III water/Extended capacity	Type II water/Extended capacity
Productivity	10ℓ/H	10ℓ/H	20ℓ/H	20ℓ/H
Water Quality	<ul style="list-style-type: none"> - Ion removal 95~99% - Particle removal 99% - Bacteria removal 99.99% - Pyrogen removal 99% - Organics removal 99% 	1~15 MΩ · cm	<ul style="list-style-type: none"> - Ion removal 95~99% - Particle removal 99% - Bacteria removal 99.99% - Pyrogen removal 99% - Organics removal 99% 	1~15 MΩ · cm
Filter Type	Pretreatment	✓	✓	✓
	Reverse Osmosis	✓	✓	✓
	Ion exchange	✓	✓	✓
Feed water requirement	PH : 3~10, TDS : lower than 500ppm, Temp : 4~35°C, Pressure : 1~5Kg/cm², Turbidity : 1.0 NTU			
Environment Requirement	Temp : 5~40°C, Humidity : 20~80%			
Applications	<ul style="list-style-type: none"> - Washing/Rinsing - Autoclaves - Steam Generators 	<ul style="list-style-type: none"> - Same as Basic 360 - Buffer and Media Preparation, Electrophoresis - Feed Water for Ultra-Pure Water 	<ul style="list-style-type: none"> - Washing/Rinsing - Autoclaves - Steam Generators 	<ul style="list-style-type: none"> - 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
Application	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 electrophoresis, cell culture
Resistivity(at 25°C)	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)	1.5ℓ/min	1.5ℓ/min	1.5ℓ/min	1.5ℓ/min

*The specification is subject to change depending on the water quality of feedwater.

Ultra-pure/Pure Water Purification System Package





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

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