

Water Purification System

aquaMAX™ - Ultra 370 Series



aquaMAX™ - Basic 360 Series



Various improved functions for superior performance in your laboratory



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

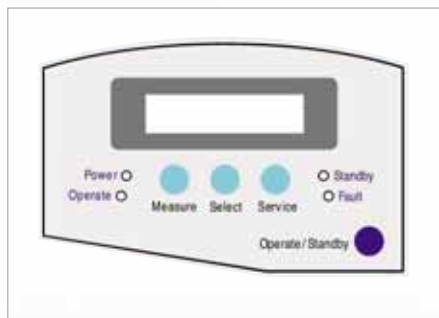
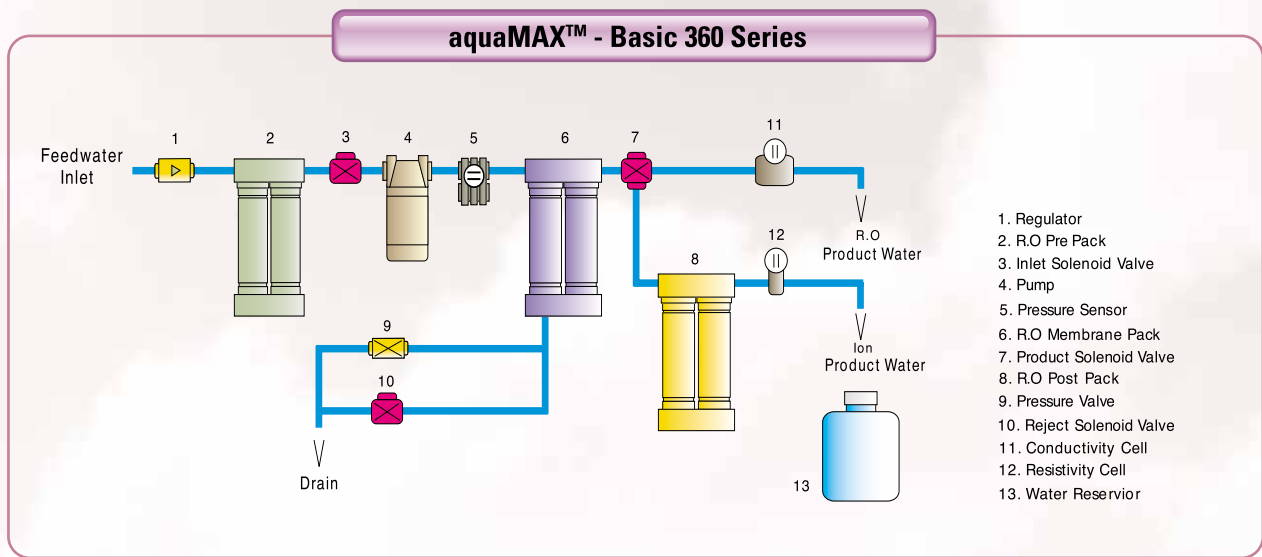
Features of **aquaMAX™ - Basic 360 Series**

- **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



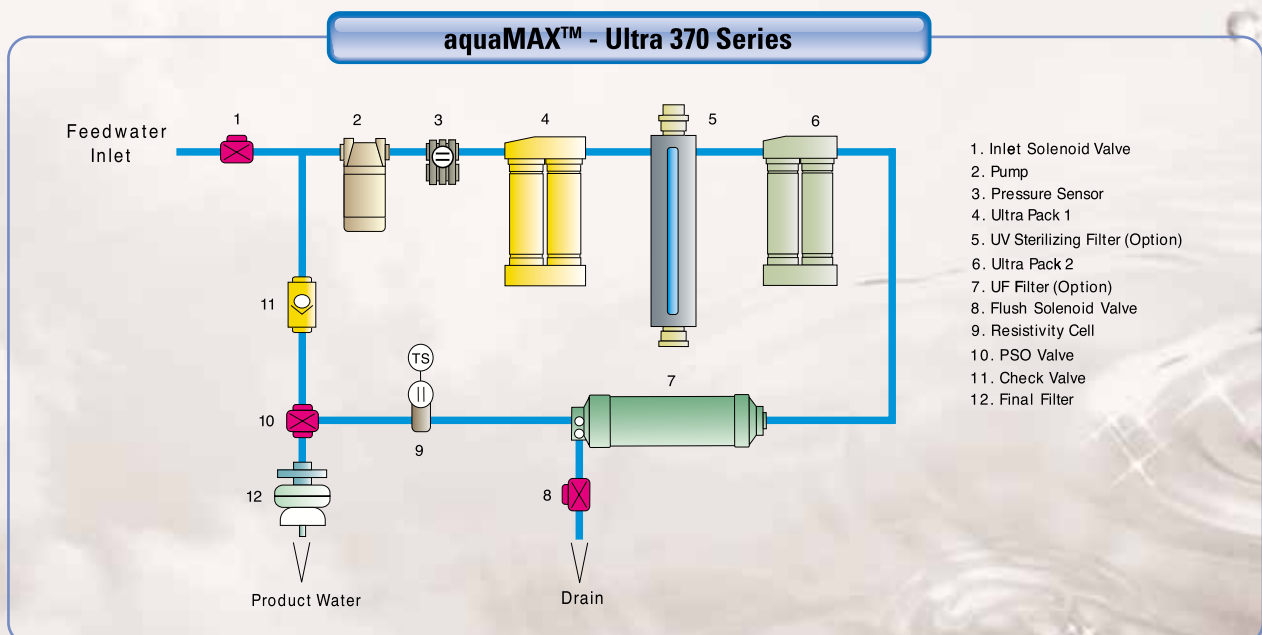
- **RO Membrane Pack** (Use of thin film composite(TFC) membrane)
 - When water passes through the filter, pure water is produced by reverse osmosis (Pack 1 : 10Q/H, Pack 2 : 20Q/H)
- **RO Pre Pack**
 - Removal of particles larger than 5um
 - Filtering of chloride in tap water to protect RO Pack
- **RO Post Pack**
 - It reduces anions and cations as well as the level of remaining organics

aquaMAX™ - Basic 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



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



Features of aquaMAX™ - Ultra 370 Series

- The highest water quality**
 - aquaMAX™ - Ultra produces Type I grade in electrical resistivity 18.2MΩ · 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** (Polysulphone membrane)
 - 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
- 0.2µm 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

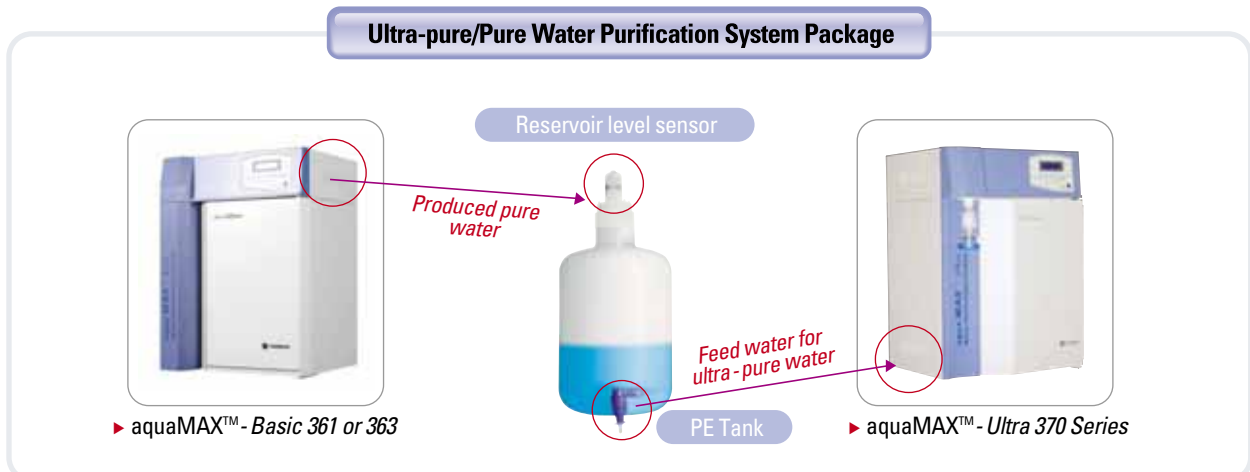
aquaMAX™ - Basic 360 Series System

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	10ℓ /H	10ℓ /H	20ℓ /H	20ℓ /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 Reverse Osmosis Ion exchange	√ √ √	√ √ √	√ √ √
Feed water requirement	PH : 3~10, TDS : lower than 500ppm, Temp : 4~35℃, Pressure : 1~5Kg/cm ² , 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, Electro-phoresis - Feed Water for Ultra-Pure Water	- Washing/Rinsing - Autoclaves - Steam Generators	- Same as Basic 362 - Buffer and Media Preparation, Electro-phoresis - 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℃)	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.





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

Water Purification System



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