

SINCE 1889



Yamato Scientific America Inc.

Innovating Science for over 130 years

AUTO PURE WATER PURIFICATION SYSTEM FOR LABORATORY AND COMMERCIAL APPLICATIONS

High Purity Water is critical to analytical and research work. Auto Pure offers state of the art water purification systems that effectively remove ionic and organic contaminants to trace levels. These lab systems surpass even the strictest reagent grade deionized water specifications and applications.



WA Series WC Series

WB Series WG Series

- *Type 1, 18.2 megohm water quality*
- *Real-time quality monitoring*
- *Intuitive touch screen panel*
- *Large capacity cartridges*



WH500/200 SERIES

- *General Deionization*
- *High purity for complete demineralization*
- *High capacity for partial demineralization*
- *Available in 2-1/2" and 4-1/2" diameter*



WA400/200 SERIES





- *Type 1 Reagent grade water*
- *Large capacity cartridges*
- *Low ownership cost*

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AUTO PURE WATER PURIFIERS

CONFIGURATION

Model	WA SERIES	WC SERIES	WB SERIES	WG SERIES
				
Applications	Basic Chemistry, Academic, IC Buffers	HPLC, GC/MS, Trace Organics	Life Science, Cell Culture, Microbiology	DNA Sequencing, PCR, Electrophoresis
Conditioning Cartridge	●	●	●	●
Polishing Cartridge	●	●	●	●
UV Oxidation		●		●
Ultrafiltration			●	●
0.2 micron	●	●	●	●

PERFORMANCE SPECIFICATIONS*

Resistivity	18.2 MΩ-cm	18.2 MΩ-cm	18.2 MΩ-cm	18.2 MΩ-cm
Bacteria	< 1 cfu/ml	< 1 cfu/ml	< 1 cfu/ml	< 1 cfu/ml
Endotoxin **			< 0.005 EU/ml	< 0.005 EU/ml
Particulates	< 0.2 µm filtration	< 0.2 µm filtration	< 0.05 µm filtration	< 0.05 µm filtration
TOC	< 15 ppb	< 5 ppb	< 15 ppb	< 5 ppb
RNase			< 0.01 ng/ml	< 0.01 ng/ml
DNase			< 4 pg/µl	< 4 pg/µl

* Performance based upon RO / DI or Distillation Feed (<20 uS/cm, < 50 ppb of TOC, 0.2 micron filtration)

** Includes Endotoxin Removal Capsule Filter

Inlet Connection 3/8" O.D. Tubing (9.53 mm O.D. Tubing) Pressure 90 PSIG Max. / 20 PSIG Min. Temperature 100°F / 30°C	Flow Rate (typical) 0.67 gallons per minute 2.5 liters per minute < 2.0 LPM with Ultrafilter & Endotoxin filter installed	Dimensions (H x W x D) 21.6 x 14.7 x 14.4 in. (54.8 x 37 x 36.5 cm) Weight 42 lbs dry / 47 lbs. operating. (22.7 kg dry / 25 kg. operating) Power Requirements 120VAC / 60 Hz @1.0 amp 220VAC / 50 Hz @ 0.5 amp
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