

# Water Purifier - Auto Pure Type 1 Water

For Genetics Testing and more: Ultrapure, Biological, Low TOC



Benchtop WG301UVUFB: 120V / WG311UVUFB: 220V  
Remote Dispense WG301UVUFR: 120V / WG311UVUFR: 220V

Water quality Type 1, 18.2 MΩ

Feed Requirement < 20 uS

Flow

0.67 gpm  
2.5 lpm

Water is purified using a staged purification process which includes high-purity ion exchange resins to remove dissolved minerals, ultraviolet light for bacteria sterilization and TOC reduction, and ultrafiltration for pyrogen removal and nuclease free water. As water exits the system, a final filter removes particulates and bacteria to reach Type I water specifications.

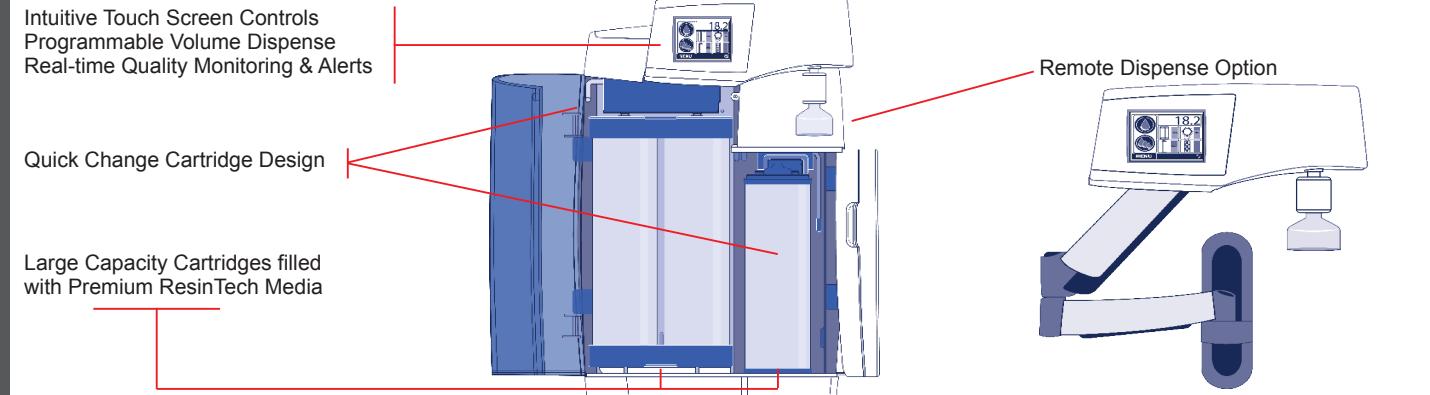


## Specifications

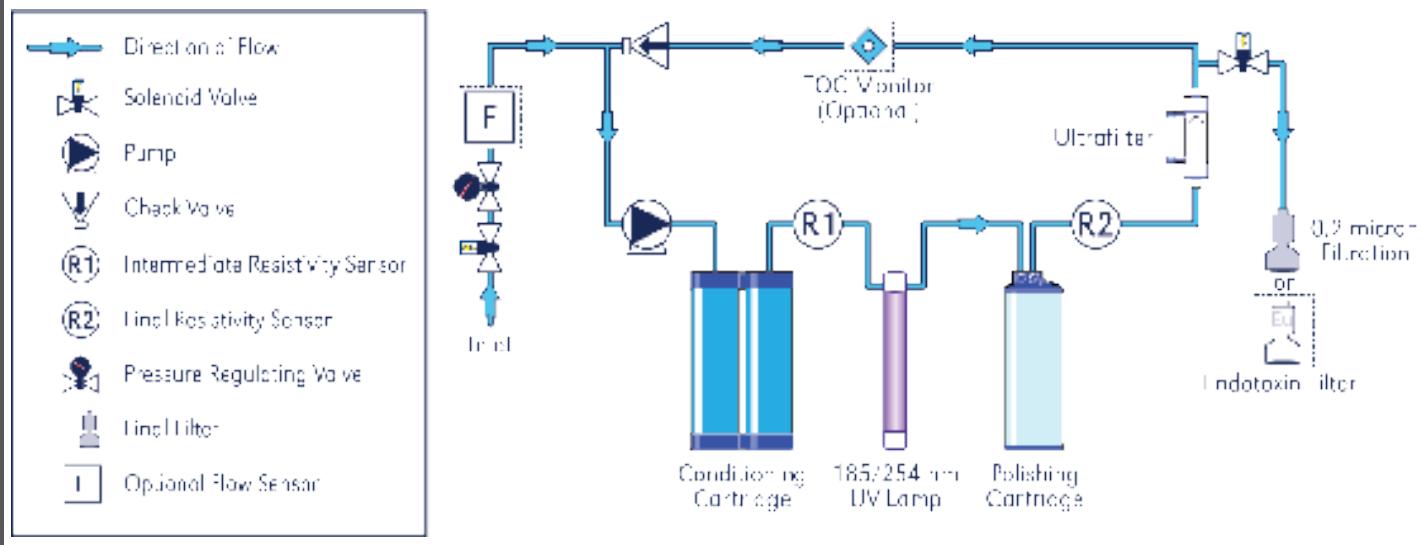
Model	WG301UVUFB / WG311UVUFB (Benchtop) WG301UVUFR / WG311UVUFR (Remote Dispense)
Resistivity*	18.2 MΩ-cm
Bacteria*	< 1 cfu/ml
Endotoxin**	<0.005 EU/m
Particulates*	< 0.05 µm filtration
TOC*	< 5 ppb
RNase*	< 0.01 ng/ml
Dnase*	< 4 pg/µl
Temperature	100°F / 30°C
Pressure	90 PSIG Max. / 20 PSIG Min.
Flow rate (typical)	0.67 Gallons Per Minute / 2.5 Liters Per Minute , < 2.0 LPM with Ultrafilter
Inlet connection	3/8" O.D. Tubing / 9.53 mm O.D. Tubing
Dimensions (H x W x D)	21.6 in. x 14.7 in. x 14.4 in. (54.8 cm x 37 cm x 36.5 cm)
Weight	42 lbs. dry / 47 lbs. operating (22.7 kg dry / 25 kg operating)
Power requirements	120V, 60 Hz @ 1.0 amp / 220V, 50 Hz @ 0.5 amp

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

## System Highlights



## Flow Diagram



### Additional System Components

Product code	Description
<b>Installed Options and Accessories*</b>	
ARI-PHADF	Direct Feed Port
ARI-PHADG	Recirculating Dispensing Gun
ARI-PHAWB	Wall Mount Bracket
<b>Cartridges and Filters**</b>	
ARI-PX135001	Dual Conditioning Cartridge (RO Feed)
ARI-PX135002	Dual Conditioning Cartridge (SDI / TAP Feed)
ARI-PX115103	Polishing Ultrapure Cartridge
ARI-PX115104	Polishing Ultrapure Low Organics Cartridge
ARI-PF006402	0.2 Micron Capsule Final Filter - 1/4" MNPT x 1/4" hose barb
ARI-PF007101	0.2 Micron Capsule Final Endotoxin Filter - 1/4" MNPT x 1/4" hose barb
<b>Consumables</b>	
ARI-PF007105	Ultrafilter - 3/8" Quick Disconnect Fitting
ARI-HPA016	UV Bulb 254/185nm
ARI-HPA017	Sanitization Kit (includes cartridges, test strips, and gloves)

\* Must be pre-ordered for factory installation

\*\* Not included in a system and ordered separately

### Best Value in Replacement Consumables



### Model Configuration (aside from Benchtop)

Remote configuration



Wall mount with dispensing gun



Wall mount bracket and dispensing gun are options, sold separately