

## Technical Specification of Water Purification System

### Water Specifications

#### Integral ultrapure water (Type 1)

Resistivity at 25°C <sup>1</sup>	18.2 MΩ·cm
TOC <sup>2</sup>	≤ 5 ppb
Particulates (size > 0.22 μm) <sup>3</sup>	<1 particulate/mL
Bacteria <sup>3</sup>	< 0.01 CFU/mL
Pyrogens (endotoxins) <sup>4</sup>	< 0.001 EU/mL
RNases <sup>4</sup>	< 1 pg/mL
DNases <sup>4</sup>	< 5 pg/mL
Flow Rate	Up to 2 L/min

(These values are typical and may vary depending on the nature and concentration of contaminants in the feed water)

### Feed Water

Feed Water Quality	Potable tap water as described in US-EPA, EP and WHO norms
Feed Water Connection	½" Gaz M
Feed Water Pressure	1 – 6 Bar
Feed Water Temperature	5 – 35 °C

### System Specifications

Electric Power Supply Voltage	100-230V +/- 10%
Electric Power Supply Frequency	50-60 Hz +/- 10%
Main Unit Data Connection	Ethernet (RJ45)

