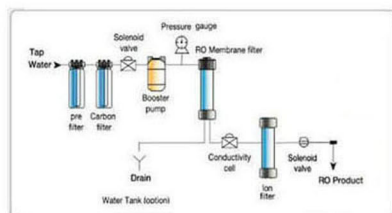


# Pure Water Purification System

HUMAN Lab <sup>®</sup> RO Max Series



## 1 Features

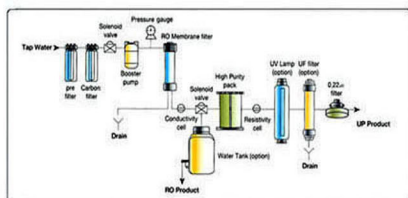
- These compact purify water system for general laboratory use or as a feed source for ultrapure system, utilizing tap water for feed
- The control panel operates and monitors the main functions such as operation, stand-by, flush or warn you of a problem
- Built-in membrane protection system extends the life of the membrane

## 2 Specifications

Model	RO MAX- I	RO MAX- II	RO MAX- III
Product rate	Max. 15 L/hr	Max. 30 L/hr	Max. 45 L/hr
Resistivity	Pure water : 0.2 to 25.0 $\mu\text{S}/\text{cm}$		
Control	Microprocessor control & keypad set		
Display	Digital LCD backlight display (0.1 to 999.9 $\mu\text{S}/\text{cm}$ )		
Functions	<ul style="list-style-type: none"> <li>- Self diagnosis</li> <li>- Auto drain when the power on &amp; off, and overed resistivity</li> <li>- Settable the flushing time (1 to 99 min)</li> <li>- Display 3 of alarm messages for filter exchange</li> </ul>		
Safety	<ul style="list-style-type: none"> <li>- Manual operating when the tap water is low pressure</li> <li>- Auto stop when low pressure, tank full, and supply the suspension of tap water</li> <li>- Auto-adjusting according to the consumption of water</li> </ul>		
Filters	Pre-filter, A/C filter, EX RO pack, Deion filter		
Options	UV sterilizer, Softner		
Power source	220VAC, 50/60Hz		
Overall	290W x 520D x 480H(mm)		
Weight	17 Kg		

# Ultrapure Water Purification System

HUMAN Lab <sup>®</sup> PowerMax series



## 1 Features

- This system produce that exceeds the resistivity up to 18.3  $\text{M}\Omega\text{-cm}$  and <5ppb TOC, utilizing tap water for feed
- Ideal system for 15-50L/hr for your most sensitive analytical procedures
- System recirculates water between the reservoir to ensure product water is continually available
- Digital LED display and monitoring system serve you to operate this system

## 2 Specifications

Model	PowerMax- I	PowerMax- II	PowerMax- III		
Product rate	Max. 15 L/hr	Max. 30 L/hr	Max. 50L/hr		
Water quality	<ul style="list-style-type: none"> <li>· Pure water (RO) : 2.2 to 25.0 <math>\mu\text{S}/\text{cm}</math></li> <li>· Ultra pure (UP) : Up to 18.3 <math>\text{M}\Omega\text{-cm}</math></li> </ul>				
	Type	Basic	Plus	Bio	Multi
System	0.2 $\mu\text{m}$ Final filter	STD	STD	STD	STD
	254/185nm UV lamp		STD		STD
	MV5000 UF filter			STD	STD
Mode	TOC (ppb)	5-10	1-5	5-10	1-5
	Endotoxin (Eu/ml)	NA	NA	<0.001	<0.001
	Bacteria (cfu/ml)	<1	<1	<1	<1
	Particles (>0.22 $\mu\text{m}$ )	<1 ml	<1 ml	<1 ml	<1 ml
Display	Digital LED display				
Overall	500W x 400D x 700H (mm)				
Power source	220VAC, 50/60Hz, 60W				
Accessories	<ul style="list-style-type: none"> <li>· Pre filter</li> <li>· UP pack</li> </ul>	<ul style="list-style-type: none"> <li>· A/C filter</li> <li>· Level sensor</li> </ul>	<ul style="list-style-type: none"> <li>· RO pack</li> <li>· Power cord</li> </ul>		