

# New Human System

## Pure & Ultra Pure Water System

### ○ New Human Power System (ASTM/NCCLS Type I, II, III grade water)



	NEW New Human Power		NEW New Human Power +70 / +120		NEW New Human Power (Simple TOC)		NEW New Human Power +70 / +120 (TOC) New Human Power +70 / +120 (Simple TOC)	
	I	II	III	50	I	II	III	50
Product flow rate (Max. L/Hr)	RO : 15 25 35 50 UP : 15 25 35 40		RO : 15 25 35 50 UP : 100 / 120		RO : 15 25 35 50 UP : 15 25 35 40		RO : 15 25 35 50 UP : 100 / 120	
Water quality display	<ul style="list-style-type: none"> <li>Feed water : 0 to 990<math>\mu</math>s/cm (Optional)</li> <li>Temperature : 0 to 99.9<math>^{\circ}</math>C (Optional)</li> <li>Pure water : 0.2 to 250.0<math>\mu</math>s/cm</li> <li>Ultra pure : Up to 18.3M<math>\Omega</math>-cm</li> </ul>				<ul style="list-style-type: none"> <li>Feed water : 0 to 990<math>\mu</math>s/cm (Optional)</li> <li>Temperature : 0 to 99.9<math>^{\circ}</math>C (Optional)</li> <li>Pure water : 0.2 to 250.0<math>\mu</math>s/cm</li> <li>Ultra pure : Up to 18.3M<math>\Omega</math>-cm</li> <li>TOC : 0 to 200ppb</li> </ul>			
Controller	Microprocess one touch technology							
Display	16x4 characters backlight LCD digital display							
Type	Scholar		Scholar-UV		Bio		Integrate	
	-	PF	-	PF				
0.2 $\mu$ m final filter	STD		STD		STD		STD	
Pyrogen free final filter		STD		STD				STD
254/185 UV lamp			STD	STD				STD
MW 5000 UF filter					STD		STD	
Water Quality								
Virus Filter	0.01 $\mu$ m Capsule filter (option) : Norcivirus removal rate > 99.9%							
TOC (ppb)	5~10	5~10	0~5	0~5	5~10		0~5	
Endotoxin (Eu/ml)	NA	< 0.125	NA	< 0.125	< 0.001		< 0.001	
Bacteria (cfu/ml)	< 1	< 1	< 1	< 1	< 0.001		< 0.001	
Particles (>0.22 $\mu$ m/ml)	< 1	< 1	< 1	< 1	< 1		< 1	
-RNases (ng/ml)	-	< 0.01	-	< 0.01	< 0.01		< 0.01	
-DNases (pg/ml)	-	-	-	-	< 4		< 4	
-DNases (pg/ $\mu$ l)	-	< 4	-	< 4	-		-	

### ○ New Human RO System (ASTM/NCCLS Type II, III grade water)



	NEW New Human RO		NEW New Human RO	
	180	280	380	500
Product flow rate	Max. 15L/Hr	Max. 25L/Hr	Max. 35L/Hr	Max. 50L/Hr
Water quality display	<ul style="list-style-type: none"> <li>Feed water : 0 to 990<math>\mu</math>s/cm (Optional)</li> <li>Temperature : 0 to 99.9<math>^{\circ}</math>C (Optional)</li> <li>Pure water : 0.2 to 250.0<math>\mu</math>s/cm</li> </ul>			
Controller	Microprocess one touch technology			
Display	16X4 characters backlight LCD digital display			

### ○ New Human UP System (ASTM/NCCLS Type I grade water)



	NEW New Human UP 900		NEW New Human UP 900 (Simple TOC)	
Product flow rate	1.8 to 2.0 L/min			
Water quality display	<ul style="list-style-type: none"> <li>Feed water : 0 to 250<math>\mu</math>s/cm (Optional)</li> <li>Temperature : 0 to 99.9<math>^{\circ}</math>C (Optional)</li> <li>UP products : up to 18.3M<math>\Omega</math>-cm</li> </ul>		<ul style="list-style-type: none"> <li>Feed water : 0 to 250<math>\mu</math>s/cm (Optional)</li> <li>Temperature : 0 to 99.9<math>^{\circ}</math>C (Optional)</li> <li>UP products : up to 18.3M<math>\Omega</math>-cm</li> <li>TOC : 0 to 200ppb</li> </ul>	
Controller	Microprocess one touch technology			
Display	16X4 characters backlight LCD digital display			
Type	Same as New Human Power Systems			