

Technical specifications

Equipment	AUTWOMATIC PLUS 1+2			
Model	GR		GRUF	
	Type II	Type I	Type II	Type I
Final Water Quality				
Water Conductivity (µS/cm)	<1	0,055	<1	0,055
Water Resistivity (MΩ-cm)		18,2		18,2
TOC (ppb) ¹	< 30	< 3	< 30	< 3
Bacteria (cfu/ml) ¹	<0.01	<0.01	<0.01	<0.01
Endotoxins (EU/ml) ¹				< 0,001
Particles > 0,22 µm/ml ¹	<1	<1	<1	<1
Rate and Storage				
Flow Rate	3/5/10 l/h	2 l/min	3/5/10 l/h	2 l/min
Max. Flow rate Recommended LPD	30-50-100		30-50-100	
RO Pressurized Tank (L)	10/30/50		10/30/50	
Dispensation				
Manual Dispensing	✓	✓	✓	✓
Volume controlled Dispensing	✓	✓	✓	✓
Time Controlled dispensing	✓	✓	✓	✓
Continuous Monitorization				
Touch Screen/ keyboard	Touch Screen	Touch Screen	Touch Screen	Touch Screen
Visual and audible warning messages	✓	✓	✓	✓
Feed Water Conductivity (µS/cm)	✓		✓	
Osmotized water Conductivity (µS/cm)	✓		✓	
Ionic Rejection %	✓		✓	
Final Water Conductivity (µS/cm)	✓		✓	
Final Water Resistivity (MΩ-cm)		✓		✓
Work Time counter	✓	✓	✓	✓
Multiparameter Time counter	✓	✓	✓	✓
Water Temperature (°C)	✓	✓	✓	✓
Temperature compensation	✓	✓	✓	✓
Data Output				
USB Output	✓	✓	✓	✓
Warning to user messages				
Out of range parameters	✓	✓	✓	✓
Pretreatment cartridge exchange	✓		✓	
RO exchange	✓		✓	
DI cartridge exchange	✓	✓	✓	✓
Ultrapure cartridge exchange		✓		✓
UV/Photo-oxidation Lamp exchange	✓	✓	✓	✓
Final Filter/UF exchange	✓	✓	✓	✓
Feed water supply failure	✓		✓	
Automatisms				
Automatic Start/Stop	✓		✓	
Automatic/Programmable recirculation		Programmable		Programmable
Automatic Stop/water supply failure	✓		✓	
Automatic RO cleaning	✓		✓	
Other components				
Photo Oxidation lamp/UV	✓	✓	✓	✓
Final Filter 0,22 µm	✓	✓	✓	✓
Ultrafiltration cartridge			✓	✓
Dimensions (Height/Widht/Depth) [cm]				
	60x36x49		60x36x49	
Weight [kg]				
	35		35	
Power supply				
	110-220VAC/50-60 Hz		110-220VAC/50-60 Hz	
Feed Water Requirements				
Min. Inlet Pressure	2 bar		2 bar	
Max. Inlet Pressure	6 bar		6 bar	
Max. Water Temperature	30 °C		30 °C	
Max. Hardness	300 ppm (CaCO ₃)		300 ppm (CaCO ₃)	
SDI (Silt Density Index)	< 5		< 5	
Max. Feed Water conductivity	1500 uS/cm		1500 uS/cm	
Free Chlorine	< 1 ppm		< 1 ppm	
Turbidity	< 1NTU		< 1NTU	

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