

DATA SHEET  
Pure water system **Crystal EX**

Parameters	RO	Pure	Pure 4	Double Flow
Catalogue No.	EX-1245	EX-1005	EX-1004	EX20-1001HC
Output Grade 2 water resistivity at 25 °C	N/A	>10 MΩ x cm	>10 MΩ x cm	>10 MΩ x cm
Output Grade 2 water conductivity at 25 °C	N/A	<0.1 μS/cm	<0.1 μS/cm	<0.1 μS/cm
TDS rejection rate	≥97%	N/A	N/A	N/A
Particles >0.22 μm	<1/ per mL	<1/ per mL	<1/ per mL	<1/ per mL
Nominal flow, pure water (to storage tank)	10 L/h	10 L/h	4 L/h	20 L/h
Deionization module life	N/A	3 m <sup>3</sup>	3 m <sup>3</sup>	6 m <sup>3</sup>
Recovery	>30%	>30%	>30%	>30%
Display	Monochrome LCD	Monochrome LCD	Monochrome LCD	Monochrome LCD
Dispenser	-	-	-	-
TOC monitor	-	-	-	-
Temperature range	15–30 °C	15–30 °C	15–30 °C	15–30 °C
Relative humidity	20–80%	20–80%	20–80%	20–80%
Mains voltage	200–240 VAC	200–240 VAC	200–240 VAC	200–240 VAC
Power	130 W	130 W	130 W	130 W
Fuse	230 V, 3.15 A	230 V, 3.15 A	230 V, 3.15 A	230 V, 3.15 A
Width*Depth*Height	40*35*55 cm	40*35*55 cm	40*35*55 cm	40*50*55 cm
System weight	10 kg	12 kg	12 kg	26 kg
Operating weight	13 kg	16 kg	16 kg	39 kg
Tank	Required, not included			

**Feedwater properties**

Type of feedwater	Tap water
Feedwater pressure	0.4–4.0 bar
Feedwater conductivity	<1500 μS/cm
Temperature	5–35 °C
pH	4–10
Fouling Index	<5
Iron	<0.1 ppm as CaCO <sub>3</sub>
Aluminium	<0.05 ppm as CaCO <sub>3</sub>
Manganese	<0.05 ppm as CaCO <sub>3</sub>
Total chlorine	<1 ppm
Langelier Saturation Index	<+0.2
TOC	<2000 ppb