

DATA SHEET

Water purification system **Crystal Clinic** for clinical analyser

Parameters	Crystal Clinic
Catalogue No.	EX-2910
Output Grade 2 water resistivity at 25 °C	>10 MΩ x cm
Output Grade 2 water conductivity at 25 °C	<0.1 μS/cm
TOC	<30 ppb
Particles >0.22 μm	<1/ per mL
Nominal flow, pure water (to storage tank)	20 L/h
Dispense flow to analyzer	4 L/h
Dispense pressure (adjustable)	100–180 kPa
High capacity deionization module life	6 m ³
Recovery	30%
Display	LCD graphic
Dispenser	-
TOC monitor	-
Temperature range	15–30 °C
Relative humidity	20–80%
Mains voltage	200–240 VAC
Power	130 W
Fuse	230 V, 3.15 A
Width*Depth*Height	40*50*55 cm
System weight	26 kg
Operating weight	39 kg
Tank	Pressurized tank required, not included

Feedwater properties

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