

DATA SHEET

Integrated ultrapure (Grade 1) water system **Integrity+**

Parameters	Trace	HPLC	Bio
Catalogue No.	CB-2101	CB-2103	CB-2105
Grade 1 water resistivity at 25 °C	18.2 MΩ x cm	18.2 MΩ x cm	18.2 MΩ x cm
Grade 1 water conductivity at 25 °C	0.055 μS/cm	0.055 μS/cm	0.055 μS/cm
TOC	<10 ppb	<5 ppb*	<5 ppb*
Rnase	-	-	<0.01 ng/mL
Dnase	-	-	<4 pg/μL
Bacteria	<0.01 CFU/mL	<0.01 CFU/mL	<0.01 CFU/mL
Endotoxins	<0.15 EU/mL	<0.15 EU/mL	<0.001 EU/mL
Particles >0.22 μm	<1/ per mL	<1/ per mL	<0.05/ per mL
Display	Colour LCD	Colour LCD	Colour LCD
Dispenser	Dispense port	Dispense port	Dispense port
TOC monitor	-	+	+
Volumetric dispense	+	+	+
Temperature range	15–30 °C	15–30 °C	15–30 °C
Relative humidity	20–80%	20–80%	20–80%
Mains voltage	200–240 VAC	200–240 VAC	200–240 VAC
Power	130 W	130 W	130 W
Fuse	230 V, 3.15 A	230 V, 3.15 A	230 V, 3.15 A
Width*Depth*Height	32*56*62 cm	32*56*62 cm	32*56*62 cm
System weight	24 kg	25 kg	26 kg
Operating weight	32 kg	33 kg	34 kg
Tank	Integrated 5L tank		

\*In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

**Feedwater properties**

Type of feedwater	Tap water
Feedwater pressure	2.0–6.0 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