

DATA SHEET
Water polishing system **Connect**

Parameters	Trace	HPLC	Bio
Catalogue No.	CB-1701	CB-1703	CB-1705
Output Grade I water resistivity at 25 °C	18.2 MΩ x cm	18.2 MΩ x cm	18.2 MΩ x cm
Output Grade I 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/ mL	<1/ mL	<0.05/ mL
Dispense rate, ultrapure water	1.5–2.0 L/min	1.5–2.0 L/min	1.5–2.0 L/min
Display	Colour LCD	Colour LCD	Colour LCD
Dispenser	Dispense port	Dispense port	Dispense port
TOC monitor	-	+	+
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	30x44x64 cm	30x44x64 cm	30x44x64 cm
System weight	16 kg	17 kg	17 kg
Operating weight	19 kg	20 kg	20 kg
Tank	Not required		

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

Feedwater properties

Type of feedwater	Pre-treated
Feedwater conductivity	<100 μS/cm
Feedwater pressure	0.4–4.0 bar
Temperature	5–35°C
pH	4–10
TOC	<50 ppb
Iron	<0.1 ppm as CaCO ₃
Aluminium	<0.05 ppm as CaCO ₃
Manganese	<0.05 ppm as CaCO ₃
CO ₂	<30 ppm
Fouling Index	<5
Total chlorine	<1 ppm
Langelier Saturation Index	<+0.2