adrona
LABORATORY SYSTEMS

DATA SHEET

Integrated ultrapure (Grade 1) water and pure (Grade 2) water system **B300**

Parameters	Trace	HPLC	Bio
Catalogue No.	CB-3301	CB-2303	CB-3305
Package incl. storage tank	CB-3301-P	CB-2303-P	CB-3305-P
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/ per mL	<1/ per mL	<0.05/ per mL
Nominal flow, pure water (to storage tank)	10 L/h	10 L/h	10 L/h
Dispense rate, ultrapure water	1.5 - 2 L/min	1.5 - 2 L/min	1.5 - 2 L/min
Volumetric dispense	0.01 - 100 L*	0.01 - 100 L*	0.01 - 100 L*
Display	Colour LCD	Colour LCD	Colour LCD
Dispenser	-	-	-
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	35*39*54 cm	35*39*54 cm	35*39*54 cm
System weight	27 kg	28 kg	29 kg
Operating weight	30 kg	31 kg	32 kg
Tank	Required, not included		

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

**Depends on the tank volume.

Type of feedwater	Tap water
Feedwater pressure	0.4–6.0 bar
Feedwater conductivity	<2000 µS/cm
Temperature	5–35°C
pH	4–10
Fouling Index	<5
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

ISO 9001
BUREAU VERITAS Certification
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