adrona
LABORATORY SYSTEMS

DATA SHEET

Pure water system **Compact EDI Pure**

Parameters	5 EDI Pure	10 EDI Pure	15 EDI Pure
Catalogue No.	CT-5100	CT-5200	CT-5300
Output Grade 2 water resistivity at 25 °C	>5 MΩ x cm, typically ≥10 MΩ x cm		
Output Grade 2 water conductivity at 25 °C	<0.2 µS/cm, typically ≤0.1 µS/cm		
Nominal flow, pure water (to storage tank)	5 L/h	10 L/h	15 L/h
Electrodeionization module	+	+	+
Display	Monochrome LCD	Monochrome LCD	Monochrome LCD
Dispenser	Optional	Optional	Optional
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 V AC	200–240 V AC	200–240 V AC
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	23*30*41 cm	23*30*41 cm	23*30*41 cm
System weight	11 kg	11 kg	11 kg
Operating weight	12 kg	12 kg	12 kg
Tank	Required, not included		

Feedwater properties

Type of feedwater	Softened tap water
Feedwater conductivity at 25 °C	<1500 µS/cm *
Feedwater pressure	0.4–4.0 bar
Temperature	5–35°C
pH	4–10
Dissolved CO_2	<10 ppm (mg/l) **
Fouling Index	<5 ***
Total chlorine	<1 ppm
Langelier Saturation Index	<0.2
TOC	<2 ppm
Hardness (as CaCO2)	<1 ppm
Silica	<30 ppm

** Elevated feed water conductivity will increase the ionic load on the system, resulting in reduced cartridge service life.*

*** If feed water parameters exceed this limit, a degassing module (p/n 13011) is required.*

**** Pre-treatment is required if the fouling index is ≥3.*

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