

PURELAB® Chorus 1 Complete with TOC

Technical Sales Document



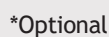
Product Water Specification

	PURELAB Chorus 1 Complete	Reservoir
Resistivity (MΩ.cm)	18.2	> 1 MΩ.cm, Typically > 10 MΩ.cm
TOC (ppbC)	< 5	< 50 ppb, Typically < 25 ppb
TVC (CFU/ml)	< 0.001*	< 100 CFU/ml, Typically < 20 CFU/ml
Endotoxins (EU/ml)	< 0.001**	-
DNase (pg/ml)	< 5	-
RNase (pg/ml)	< 1	-
Particles (filtration)	0.2 µm*	> 99% rejection
Silica (ppb)	< 1	-
Protease (mU/ml)	< 0.1	-
Flow rate (l/min)	≤ 1.5 l/min	-

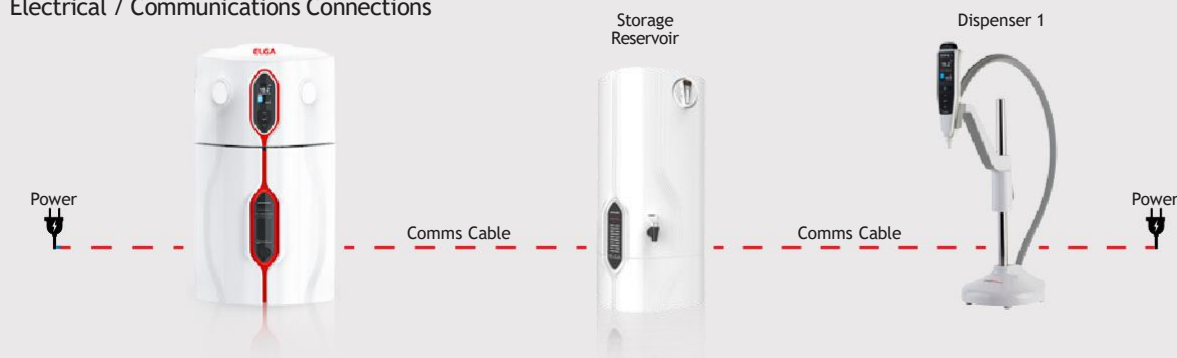
Feedwater Specification

Source Quality	Potable mains water supply
Minimum feed pressure	0.2 bar (3 psi) with boost pump, 4.0 bar (60 psi) without boost pump
Maximum feed pressure	2.0 bar (30 psi) with boost pump, 6.0 bar (90 psi) without boost pump
Conductivity (µS/cm)	< 2000
Free/total chlorine Max (ppm)	< 0.5
CO ₂ Max (ppm)	30
CO ₂ Recommended (ppm)	< 20
Heavy Metals (ppm)	< 0.05
Silica (ppm)	< 30
Temperature (°C)	1 - 35 (Ideally 10 - 15)

20L/hr
(Single high flow RO)



Hydraulic / Water Connections



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What's in the Box



Standard:

- Installation Kit
- Power Supply
- Unit pre-installed with associated consumables.

Accessories

Required	Optional
PURELAB Remote Dispenser or Halo Dispenser (for inhibit / working mode)	Additional Remote / Halo Dispensers
	POU filter
	Foot pedal
	Pressure regulator
Reservoir	Wall mount

The PURELAB range offers a variety of dispensing and monitoring solutions to customers enabling the ultimate flexibility when using PURELAB Chorus 1.

Clear Display

Prioritized information displayed at all times (system status, alarm) for absolute confidence as you dispense.

Multiple Positioning

Position the dispenser on the benchtop or independent from the water purification system to optimise your valuable lab space.

Flexible Dispensing

- Variable flow
- Auto-volume dispense
- Hands free
- Locked dispense
- Hand-held dispensing
- Profile dispense

Halo Glow*

The unique glow changes colour and flashes alerting you to changes in the system performance.



Halo Dispenser:	Halo Advanced Dispenser:	Halo Flexible Dispenser:	Halo Remote Dispenser:
Fixed	Fixed	Flexible	Flexible
- Variable flow rate - Drop-by-drop control - Locked dispense			
		- Purity monitoring to point-of-use - Auto volume dispensing - Profile dispense	
		- Flexible handset	

* Only with Halo dispensers

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