

Deionisers, PURELAB[®], Water Purification Systems for every Lab



In order to build a CHORUS system that will best fit your needs, there are 4 questions to answer:

- First select required water grade
- Second select volume required
- Third select reservoir capacity required
- Lastly select dispensing system

General Type 3 water

When general laboratory grade water is all you need, then PURELAB Chorus 3 is the reliable solution with the flexibility to suit your requirements. Ideally suited for: Buffer Preparation, Washing / Rinsing, Autoclaves, General Chemistry, Hydroponics, Steam Generators, Sterilizer Feed, Feed to Type 1 polishers

Technical Specifications			
Dispense flow-rate, litre/ hour	10	20	30
Inorganics (resistivity @ 25°C)		>95% rejection	
Organics (TOC)		<50 ppb	
Bacteria		<50 CFU/ml	
pH		Effectively neutral	
Particles		>99% rejection	
Daily usage (Max)	240	480	720
Daily usage (Min)		10	



WP/44100

Cat. No.	Code	Description
WP/44100	RO310XXM2	Deioniser PURELAB Chorus 3 RO 10L/Hr
WP/44102	RO310BPM2	Deioniser PURELAB Chorus 3 RO 10L/Hr, with Boost Pump
WP/44104	RO320XXM2	Deioniser PURELAB Chorus 3 RO 20L/Hr
WP/44106	RO320BPM2	Deioniser PURELAB Chorus 3 RO 20L/Hr, with Boost Pump
WP/44108	RO330XXM2	Deioniser PURELAB Chorus 3 RO 30L/Hr
WP/44110	RO330BPM2	Deioniser PURELAB Chorus 3 RO 30L/Hr, with Boost Pump

Each CHORUS 3 is supplied with 1 set of consumables as standard (LC240 & LC241)

Deionisers, PURELAB[®], Type 1 water for Life Sciences & Analytical Research



When you require the ultimate in water purity, PURELAB Chorus 1 provides the perfect solution. Consistently delivering water purity of 18.2 MΩ.cm (Type 1+/l) and underpinned by the advanced PureSure[®] deionization system, the PURELAB Chorus 1 enables you to focus on attaining accurate results.

- Chorus 1 systems include
- Fully Recirculating ensuring microbial purity and guaranteeing pure water at the point-of-use.
- Real-time TOC Monitoring provides complete confidence in organic purity.
- Integrated Filtration: Ultrafiltration or microfiltration filters out endotoxins, proteins, nucleases, and particulates.
- Full Spectrum UV Treatment
- Data Capture via USB for system performance validation and software updates.

Technical Specifications	Life Sciences	Analytical Research	General Sciences
Dispense flow-rate, litre/min	Up to 2.0	Up to 2.0***	Up to 2.0
Inorganics (resistivity @ 25°C)	18.2 MΩ/cm	18.2 MΩ/cm	18.2 MΩ/cm
Organics (TOC)	1.3 ppb	1.3 ppb*	1.3 ppb
Bacteria	<0.001 CFU/ml	<0.001 CFU/ml**	<0.001 CFU/ml
Bacterial endotoxin	<0.001 EU/ml	<0.001 EU/ml	<0.001 EU/ml
pH	Effectively neutral	Effectively neutral	Effectively neutral
Particles	<0.01µm	<0.05µm	0.2µm
Dnase	<5 pg/ml	<5 pg/ml	<5 pg/ml
Rnase	<1 pg/ml	<1 pg/ml	<1 pg/ml
Daily usage (Max)	120 Litres	120 Litres	120 Litres
Daily usage (Min)	1 Litre	1 Litre	1 Litre

* Dependant on feed water - recommended feed <50 ppb TOC.
 ** With POU filter fitted.
 *** When connected to Halo, Advanced or flexible



WP/44130

Cat. No.	Code	Description
WP/44130	PC110COXXM1	Deioniser PURELAB Chorus 1 Complete 10 L/Hr System
WP/44132	PC110COBPM1	Deioniser PURELAB Chorus 1 Complete 10 L/Hr System with Boost Pump
WP/44134	PC120COXXM1	Deioniser PURELAB Chorus 1 Complete 20 L/Hr System
WP/44133	PC120COBPM1	Deioniser PURELAB Chorus 1 Complete 20 L/Hr System with Boost Pump

Each CHORUS 1 is supplied with start-up kit consisting of: Appropriate quantity LC240, 1 x LC241, 1 x LC275, 1 x LC272, 1 x LC210, MANU40932 Operator Manual, GUID39864 Light Guide, LA762 Basic installation Kit