

PURITE

Purite Labwater 1 & 2

Producing low volumes of purified water between 1 and 10 μ S/cm on-demand



The Purite Labwater is a simple, cost-effective option for producing low volumes of purified water between 1 and 10 μ S/cm on-demand.

Purite Labwater units can easily be wall-mounted and are simply connected by a conventional hose to a laboratory tap. They operate under standard water pressure, so no additional parts are required.

The Purite Labwater uses a special resin which absorbs ionic contaminants. As the resin becomes saturated its colour changes from blue to brown to indicate when a replacement cartridge is required.

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Purite Labwater 1 & 2 overview

The Purite Labwater dionisation unit produces low volumes of purified water between 1 and 10µS/cm on demand, from a standard laboratory water supply. Connection to a tap or stopcock is via a simple flexible hose. Fitting is quick and simple.

The colour-change resin indicates when replacement is required. Two versions are available, for flow rates of up to 60 l/hour. Output capacity will vary depending on water hardness; typically, capacity will be up to 1280 litres for soft water regions.



Technical Specifications

Unit Specification	Labwater 1	Labwater 2
Width (mm)	80	80
Height (mm)	580	760
Depth (mm)	100	100
Max shipping weight (boxed) (kg)	2.8	4.4
Max working weight (boxed) (kg)	2.5	3.5
Unit type	Wallmount	
Feedwater		
Feedwater standard required (input)	Potable water	
Minimum inlet pressure - psi (bar)	7 (0.5)	
Maximum inlet pressure - psi (bar)	72 (5.0)	
Feed water temperature (min/max)	1 - 35°C	
Maximum TDS (ppm)	1000	
Usage Environment		
Water services connections - Mains water in (mm)	0.5" BSP	
Transport and storage temperature (min/max) (°C)	-5 to 85	
Room storage and operating range (min/max) (°C)	5 to 40	
Relative humidity (%)	50 to 80	

System Specification	Labwater 1	Labwater 2
Display panel type or indicator	Colour change resin	
Deionisation cartridge (PP/Cylinder) - Part number	D340	D700

Treated Water Specification	Labwater 1	Labwater 2
Product - Treated water specification (Output) Mega Ohms	0.1 to 1.0	
Ph*	Neutral	
Water standard produced	BS EN ISO 3696:1995 Grade 2	

* pH of stored water may decrease due to absorption of free carbon dioxide

Features	Labwater 1	Labwater 2
Dispense modes - high purity dispense only	Manual	
Dispense flow rate - high purity dispense only (L/minute)	0.5	1.0

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