

# Purite Labwater Deionisers

A simple, cost effective method of producing 10-1µS.cm purified water at low volumes.

The Purite Labwater product incorporates an easily replaceable cartridge, containing specifically designed resin, which changes colour through absorption of ionic contaminants, facilitating a low level of maintenance. When the indicator changes from blue to brown, it is the reminder it is time to replace the cartridge.

The product is typically wall mounted; it is easily connected via a dedicated hose (supplied separately) to a tap or stopcock and operates direct from water pressure thus requiring no external electrical supply.



Technical specification	Labwater 1	Labwater 2
Max. feed pressure (bar)	0.5 – 5	0.5 – 5
Max. feed flow rate (l/hr)	30	60
<b>Output capacity, litres</b>		
@ 50 mg/l tds (soft)	640	1280
@ 200 mg/l tds (medium-hard)	160	320
@ 300 mg/l tds (hard)	106	212
pH	Neutral	
Conductivity	10 – 1µS/cm	

tds = total dissolved solids

Dimensions	Labwater 1	Labwater 2
Width (mm)	80	80
Depth (mm)	100	100
Height (mm)	580	760
Max shipping weight (Kg)	2.8	4.4
Max working weight (Kg)	2.5	3.5
<b>Installation requirements</b>		
Feed water	Potable	
Maximum TDS (ppm)	1000	
Feed water temperature	1 - 35°C	

## Mini Pure Water Boost Pump

The Mini Pure Water Boost Pump is an on demand, delivery pump which can be used with any pure water system.

It is controlled by a built-in pressure sensing switch, which starts and stops the pump automatically when the outlet pressure drops or increases.

Installed on the outlet from a pure water supply tank it will provide a flow rate of up to 60 litres per hour and at a pressure of up to 3 bar.

Ideal applications include:

- Pressurised pure water supply for glasswashers
- Environmental chambers
- Humidity cabinets
- Autoclaves
- Corrosion testing equipment
- Single points of use and for any laboratory equipment that requires a pressurised feed.

Installation is simple, via 8 mm push fit connections for the inlet and outlet (supplied) and connects to the mains electric supply.



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Specification	
Output pressure	3 bar maximum
Outlet flow	60 l/hr maximum
On / Off cycles	6 per minute maximum
Feedwater	< 150 microns particulates
Operating temperature	5°C to 46°C
Power required	Single Phase, 230V, +/- 10%, 50 Hz
Shipping weight	3 kg
Dimensions (w x h)	170 mm x 275 mm



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**The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed, please provide these to our sales team so that details can be confirmed.**

