

**PUR1TE**  
FIRST FOR PURE WATER



***LABWATER DEIONISERS***

**LOW VOLUME PURE WATER**

## Concept

The Labwater 1 & 2 are designed for the low volume infrequent user of pure water. The product is affordable and easy to use, featuring the unique Purite disposable cartridge.

## Choice of outputs

The Labwater 1 & 2 deionisers provide 1-10 litres per day of purified water for general applications in the laboratory direct from a mains supply. Water is produced instantly at between 30 and 60 litres per hour.

## Water quality

Pure water better than 1M $\Omega$ .cm, produced to BS EN ISO3696 Grade 2.

## Compact

Each Labwater is wall mounted as standard to save bench space.

## Easy to Install

The Labwaters come with all necessary connectors for easy installation and only require 12mm braided hose (not supplied) to connect the Labwater to a tap or stopcock. Both an outlet spout and flexible outlet pipe are supplied as standard.

## Easy to use

Each unit can be used immediately after installation by opening the inlet valve. The cartridge window will change colour automatically from blue to brown when output water quality falls below 1M $\Omega$ .cm.

## Value

No mains electricity is required because the purification process operates on feedwater pressure. A meter is not required because the cartridge incorporates a colour-change window.

## Included in all models

- Wall bracket and connections for fast easy installation.
- Deionisation cartridge for ionic contaminant removal.
- Colour-change resin for instant water quality indication.
- Inlet on/off valve with 12mm hose connector.
- Outlet spout and flexible outlet pipe.

## Accessories

The Labwater dispensing can be enhanced with the addition of a 3m flexible coil and gun, allowing for greater accuracy and convenience.

## Technical specification

	Labwater 1	Labwater 2
DIMENSIONS:		
Width	80mm	80mm
Depth	100mm	100mm
Height	580mm	760mm
WEIGHT:	2.8Kg	4.4Kg
FEEDWATER REQUIREMENTS:		
Pressure	0.5-5 bar (7 - 75psi)	0.5-5 bar (7 - 75psi)
FLOWRATE:	30ltr/hr	60 ltr/hr

## Outputs

	Labwater 1	Labwater 2
50mg/l tds (soft)	640 litres	1280 litres
200mg/l tds (medium)	160 litres	320 litres
300mg/l tds (hard)	106 litres	212 litres

## Purity

	Labwater 1	Labwater 2
Na	0.002 mg/l	
Ca	0.005 mg/l	
Mg	0.005 mg/l	
CO <sub>2</sub>	1 mg/l	
Si	0.05 mg/l	
Fe	0.0005 mg/l	
Cl	0.01 mg/l	
Trace dissolved metals	0.01 mg/l	
pH	6.5-7.5	
Resistivity	1-10M $\Omega$ .cm	

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