

## Water purification

### Deionisers, wall mounted

The Elga range of wall mounted deionisation systems produces from 30 to 90 litres of high purity water per hour. These cost effective stand-alone systems provide low to medium volumes of primary or deionised grade water which is easy to monitor with built in meters, or colour change indicators. B114 has disposable cartridges for quick and clean replacement when resin is exhausted. The colour coded resistivity indicator displays treated water quality.

Vision 125 and 250 both have colour change windows indicating two resin exhaustion levels to enable users to monitor both the capacity status, and the cartridge replacement requirements.

Micromeg has disposable cartridges for quick and clean replacement when resin is exhausted. The colour coded resistivity indicator displays treated water quality.

Typical to all models:

- Conductivity, 1 - 0.1  $\mu\text{S}/\text{cm}$
- Resistivity, 1 - 10  $\text{MO}/\text{cm}$
- Silica, <0.05 mg/l
- Carbon Dioxide, <0.5 mg/l
- Trace dissolved metals, <0.001 mg/l
- Residual solids, <0.5 mg/l
- Average pH, neutral



WP/43910 & WP/43912



WP/43914

WP/43920

#### Technical Specifications

Model	B114	Vision 125	Vision 250	Micromeg
Maximum flow, litres per hour	30	60	60	90
Maximum operating pressure	10psi (0.7bar)	90psi (6.2bar)	90psi (6.2bar)	50psi (3.4bar)
Maximum operating temperature	35°C	40°C	40°C	35°C

Cat. No.	Code	Description
WP/43910	B114/A	B114, wall mounted deioniser, 380h x 180w x 152d (mm)
WP/43912	C114/4	Replacement cartridge for B114 deioniser, pack of 4
WP/43914	VISION 125	Vision 125, wall mounted deioniser, 385h x 92w x 110d (mm)
WP/43918	VC125	Replacement disposable cartridge for Vision 125 deioniser,
WP/43916	SP404	Dispense Gun and Line for Vision 125 and 250
WP/43920	VISION 250	Vision 250, wall mounted deioniser, 660h x 92w x 110d (mm)
WP/43924	VC250	Replacement disposable cartridge for Vision 250 deioniser,
WP/43926	M/M/DS/A	Micromeg, wall mounted deioniser, complete with 2 x MC:DS cartridges
WP/43928	MC:DS4	Replacement cartridge for Micromeg deioniser, pack of 4

### Deioniser, Micra 8 litre per hour

The Micra deioniser is a cost effective system producing continuous and uninterrupted general laboratory grade water of single distilled purity or better. A highly efficient and reliable alternative for any laboratory using traditional water stills or bottled water. Both the running costs and essential maintenance associated with the still are significantly reduced, however, the system produces a consistent supply of high purity water.

- Delivers single distilled purity or better from a potable mains water supply
- Provides up to 25 litres of general laboratory use pure water per day
- Autofill reservoir function ensures a continual supply
- Long life, cost-effective consumables are easy to change
- User selectable status/alarm indicator monitors purity accurately and easily
- Low energy consumption, typically 90% lower than a standard water still
- No quartz glassware or heating element to clean or replace
- Provides an efficient alternative to buying and storing bottled water
- Connects to any size reservoir with a suitable 1" BSP threaded connection
- Dual voltage: 100-240V ac, 50-60Hz



WP/440

Cat. No.	Code	Description
WP/44056	MICXXXXM1	Micra deioniser, 8 litres per hour, supplied with LC226 consumables pack, operator's manual, power lead, level control and 6 meters of ¼ OD tube.
WP/44058	MICTANKM1	Micra deioniser with reservoir, supplied with LC226 consumables pack, operator's manual, power lead, level control and 6 meters of ¼ OD tube.
WP/44060	LC226	Consumables kit comprising of 10 $\mu$ depth filter, 5 $\mu$ Carbon filter and purification cartridge.
WP/44062	LC229	Reverse Osmosis Membrane
WP/44064	PUDPCS201485	RO Boost Pump