

CYCLON

The Cyclon water distiller is an integrated water purification system, available in 4L and 8L single or 4L double distillers as a complete water purification system with matching pre-deionised and distillate reservoirs. In addition, the 'cyclonic' vapour trap eliminates all carry-over, and the advanced borosilicate glassware design removes the foaming risk, improving purity levels.

The double (Bi-)distiller is ideal for life science applications requiring a higher-grade distillate for increased purity. The Cyclon is comprised of two identical sets of glassware and heaters. The first distillation is fed to the second boiler for further distillation, thus eliminating any possible carry-over of impurities.



Model	WSC004	WSC044	WSC008
Output Capacity	4L/hr Single Distilled	8L/hr Double Distilled	8L/hr Single Distilled
Pyrogen Free	Yes	Yes	Yes
pH Level	5.6 - 6.0	5.6 - 6.0	5.6 - 6.0
Conductivity	1µS/cm	1µS/cm	1µS/cm
Power Rating	3.0kW	6.0kW	6.0kW
Tap Water Pressure (min - max)	70 - 560kPa 10 - 80 lbf/in ⁻¹ (PSI)	70 - 560kPa 10 - 80 lbf/in ⁻¹ (PSI)	70 - 560kPa 10 - 80 lbf/in ⁻¹ (PSI)
Tap Water Flow (min)	1L/min	2L/min	2L/min
Dimensions (HxWxD) mm	750x300 x380	750x490 x380	750x490 x380
Weight	25kg	29kg	29kg

Safe for your Operator

Enclosed glassware and a built-in spill tray provide the operator protection. In addition, the thermistor protects the still against interruption in the water supply by controlling the heater operation. Finally, the thermal cut-out fuse prevents any risk of overheating.

Pre-Treated Feed Options

When combined with a microprocessor, the thermistor sensor precisely controls the still. This process simplifies operation and cleaning procedures.

Easy to Clean

Descaling the still is simplified by an automated cleaning facility requiring no dismantling of the glassware.

Flexible

This space-saving water distiller can be benchtop or wall mounted to suit your lab's needs.

Applications

The Cyclon distiller is ideally suited for the following:

- General Laboratory Applications
- Preparing Buffers and Reagents
- Media Production
- Sample Dilution and Reagent Preparation
- General Chemistry
- Glassware Rinsing and Washing
- General Environmental Analysis
- Cell Culture Preparation
- Clinical Biochemistry