

Calypso Ultrapure Water Stills

- Automatic Water Stills offer many of proven features of the high performance Cyclon Still.
- It is available with output of 2 or 4L/Hours can be bench or wall mounted.
- If higher outputs the ideal model is 4L while 2L is suitable for smaller lab use.
- Incorporating the patented cyclonic vapour trap, the Calypsol produces the very highest quality pyrogen free water. Purity is also assured through an all borosilicate glass construction and the use of durable, silica sheathed heating elements.
- The Calypso can be connected directly to a mains tap supply or where preferred, from a pre-treated water supply using the optional pre-treated feed kit.
- An automatic flow controller governs the rate of water consumption and allows the unit to be used over a wide tap water pressure range.
- In the pre-treated mode, purified water is fed directly to the boiler and tap water is used for cooling purposes only.
- The Still is supplied with a polyethylene level sensor which automatically shuts off power and input water whenever the reservoir is full enabling safe, unattended operation.
- The Calypso Still is offered with an optional reservoir tank which allows a reserve of up to 30 litres storage capacity.
- The tank's polyethylene liner is fitted with a bacterial air filter, fast flow tap and contents sight tube and provides a convenient and compact collection system.
- Automatic shut off is provided by the Still's controls.

Safe and Easy to Use.

- A high temperature cut-off protects the heaters in the event of water failure while operator safety is assured through totally enclosed glassware.
- For ease of cleaning, the Still is fitted with a boiler drain valve.
- Cleaning solution is simply introduced into the boiler via the constant level device - no dismantling is necessary.
- All models are bench or wall mountable and are supplied complete with all necessary connection hoses and wall brackets.



Specification of Calypso Water Stills

Model	ST-WCA002	ST-WCA004
Output Capacity	2L/Hours Single Distilled	4L/Hours Single Distilled
Pyrogen Free	Yes	Yes
pH	5.6-6.0	5.6-6.0
Conductivity	1 μ S. cm ⁻¹	1 μ S. cm ⁻¹
Power Rating	1.8 kW	3.0 kW
Tap Water Pressure (min/max)	70-560 kPa 10-80 lbf.in. ⁻²	70-560 kPa 10-80 lbf.in. ⁻²
Minimum Water Pressure for Pre-treated Flow Valve Option	15 kPa 2 lbf.in. ⁻²	15 kPa 2 lbf.in. ⁻²
Tap Water Flow (min)	0.5 litres.min ⁻¹	1 litres.min ⁻¹
Dimensions (HxWxD)	790 x 260 x 325 mm	790 x 260 x 325 mm
Weight	15 kg	15 kg

Ordering Information

Model	Output	Power	Dimension W x D x H (mm)
ST-WCA002.MH1.4	2L/hr Single	220V 1.8kW	260 x 325 x 790
ST-WCA002.MH1.7	2L/hr Single	220V 1.8kW	260 x 325 x 790
ST-WCA004.MH1.4	4L/hr Single	220V 3.0kW	260 x 325 x 790
ST-WCA004.MH1.7	4L/hr Single	220V 3.0kW	260 x 325 x 790

Accessories

Model	Description	Capacity	Dimension W x D x H (mm)
ST-WCA900.RTA.9	Storage Reservoir	30L	260 x 325 x 790
ST-WCA901.SVA.7	Pre-Treat Feed Accessory kit	-	-