

Water Purification

Water still, Distinction, D4000

- All glass construction
- Two independent safety thermostats
- Safety reservoir full shut off
- Wall mountable
- Silica sheathed heaters

All glass construction with silica sheathed heaters ensures top purity distillate at an economical price.

Fitted with a control device to turn off the heater when the collecting reservoir is full. Prevents overflow if the still is inadvertently left switched on when unattended. With two independent safety thermostats to prevent over heating in the event of an interruption to the water supply.

The unique condenser design ensures that the droplets of distilled water remain in contact with the cooling coil for the longest possible time producing cold distilled water and pre-heating the boiler feed to increase efficiency.

Screwthreads are incorporated on all water connections so hoses can be fitted and removed easily and safely without risk of breakage.

Built in acid addition funnel and drain stopcock allow easy descaling without dismantling the glassware.

The stand is pre-drilled to facilitate wall mounting.



D4000

Technical specification

| | D4000 |
|------------------------------------|--|
| Output | 4 litres/hr, single distilled |
| pH | 5.0 – 6.5 |
| Conductivity, μScm^{-1} | 1.0 – 2.0 |
| Resistivity, mOhm-cm | 0.5 – 1.0 |
| Temperature | 25 - 35°C |
| Pyrogen content* | Pyrogen free |
| Water supply | 1 litre/min 3 – 100psi (20-700kPa) |
| Electricity supply | 220 or 240V, 50-60Hz, single phase |
| Power requirement | 3kW |
| Dimensions, mm (w x d x h) | 540 x 160 x 410 |
| IP Rating | 31 |

* care is required to produce pyrogen free water and the output should be tested before use.

Ordering information

| Model | Description |
|------------|-------------------------------|
| D4000 | Distinction water still, 240V |
| D4000/EURO | Distinction water still, 220V |

Conductivity and resistivity are affected by the presence of dissolved carbon dioxide. All figures given in this catalogue are based on tests carried out on the still output at 20°C and free from carbon dioxide.