



CH-5

The CH-5 Chiller Unit

The CH-5 Chiller Unit is designed for use in conjunction with the TECAL 140 H&S Calibrators to achieve calibration temperatures down to -40°C. Chilled water pumped through the Heatsinks on the Tecal 140 units to allow the Tecal to reach -40°C.

In normal ambient temperatures of up to 20°C the minimum temperature obtainable with the TECAL 140 models is 45°C below ambient; by artificially cooling the heatsink of the units with water from the chiller -40°C can be obtained.

The unit is designed to run on distilled or deionised water.

The CH-5 can also be used to pass cooling water through the cooling coil on the Calibration Baths (LCB) and Cooling Probe (FDB00CP); minimum temperature +10°C.

Technical Data

Temperature

Working temperature range	4°C to 15°C
Cooling capacity	400W
Temperature control	Thermostat on/off
Electrical control	Manual

Dimensions (external)

Length	430mm
Width	235mm
Height (including pump)	524mm

Bath size:

Length	300mm
Width	140mm
Bath depth	150mm
Bath capacity	5 litres
Pump capacity	20 litres/minute
Pump head	6 metres with water
Net weight	26.5kg

Ordering Information

Product Code	Model	Voltage	Hz	Watts	Shipping Weight (kg)
FCH5H	CH-5	230	50/60	320	26.5
FCH5A	CH-5	120	50/60	320	26.5



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.