



Haven Automation Limited

Calibration Solutions for Industry

CH-5

PUMP/CHILLER UNIT

The CH-5 Pump/Chiller Unit is designed for use in conjunction with the Tempcal® 140 H & S Calibrators to achieve calibration temperatures down to -40°C. Chilled water is pumped through the heat-sinks on the Tempcal® 140 units to allow the Tempcal® to reach an actual temperature of -40°C.

The CH-5 can also be used to pass cooling water through the cooling coil on the OTB-8HT Oil/Water Calibration Baths, to achieve a minimum temperature of +10°C.

In normal ambient temperatures of up to 25°C the minimum temperature obtainable with the Tempcal® 140 models is 45°C below ambient; however, by artificially cooling the heat-sink of the units with water from the Chiller, -40°C can be obtained. The unit is designed to run on distilled or deionised water.



Specification

Temperature	
Working temperature range	4 - 15°C
Cooling capacity	400 watts
Temperature control	Thermostat on/off
Electrical control	Manual
Dimensions (External)	
Length	430 mm
Width	235 mm
Height (including pump)	524 mm
Bath Size	
Length	300 mm
Width	140 mm
Bath depth	150 mm
Bath capacity	5 litres
Pump capacity	20 litres/minute
Pump head	6 metres with water
Net weight	26.5 kg



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Due to our policy of continual product development we reserve the right to amend this specification without notice.

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