

Water Bath

For Use With IEC Hot Plate



CH4240-001

Description:

This simple, general purpose stainless steel Water Bath is designed to rest on and be heated by an IEC Hot Plate or Hot Plate/Stirrer. The 'Simmerstat' Hot Plate models is not limited to a max. temperature therefore it will heat faster than the 'Thermostat' models. The Bath is designed to take several flasks or 2x test tube stands filled with tubes.

For excellent stability on the work bench, two end panels slide down to rest on the bench and these are clamped in place so the bath is steady. These panels retract to make the smallest size for storage. Convenient lifting edges are provided at each end but CAUTION must always be exercised regarding the temperature of these flanges.

Temperature Control:

The plain bath can rest on a Hot Plate and the 'Simmerstat' of the Hot Plate can be used as the bath's temperature control. A thermometer must be used to monitor the bath water temperature.

However, for more accurate or for unattended work not requiring a thermometer, the IEC Temperature Controller CH4240-101 can be slid over the front edge of the bath to install a temperature sensor at the bottom of the bath. The controller plugs into mains power and the Hot Plate plugs into the socket from the controller. The plate is then controlled and cycles on and off to maintain an accuracy of about 3°C.

To alter the rate of heating, the 'Simmerstat' control on the Hot Plate can be used to alter the total heat to be used and to provide further fine adjustment.

Caution:

Use of this bath MUST be supervised at all times. The controller senses the temperature of the bath surface and will stop the heating if it is a dry bath (sand etc.), but NORMALLY water is used in the bath and the water should at least cover the sensor.

Note: Brown and blue stain in the tank corners is caused by welding the stainless steel and, to reduce costs, it is not chemically removed. It is not rust and should have no affect on the performance or long life of the bath.

Length: 290mm	Width: 130mm	Height: 120mm	Weight: 2.0kg
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The Optional Temperature Controller CH4240-101



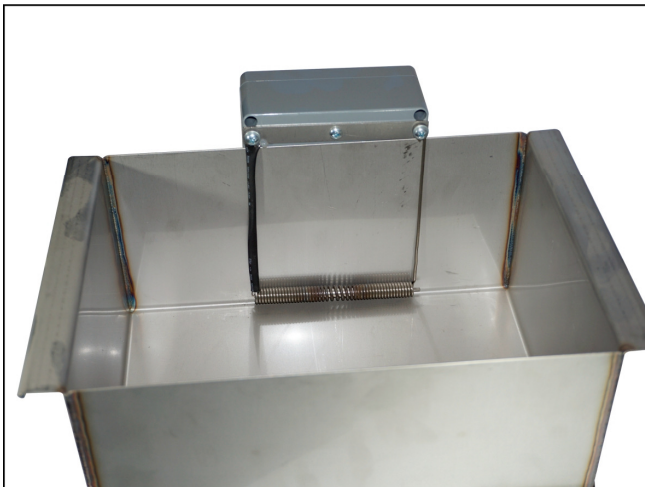
View of the temperature controller CH4240-101
Must be purchased separately



View showing the temperature sensor fitted
and connected

Note:

The controller can be used on either the front or rear edge of the bath and the physical size of the Water Bath has been made to suit 2x standard IEC test tube holders.



View showing temperature sensor inside the bath
at the lowest level.



Two IEC test tube racks CH3989-401 or
CH3989-601 fit nicely inside the Water Bath.

'IEC' Non-floating Test Tube Racks:

CH3989-601 : Holds 8 x 25mm TUBES & DRYING PINS.

CH3989-401 : Holds 8 x 10mm & 12 x 16mm TUBES & DRYING PINS

Designed and manufactured in Australia