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## Mini heating Module

# MH02

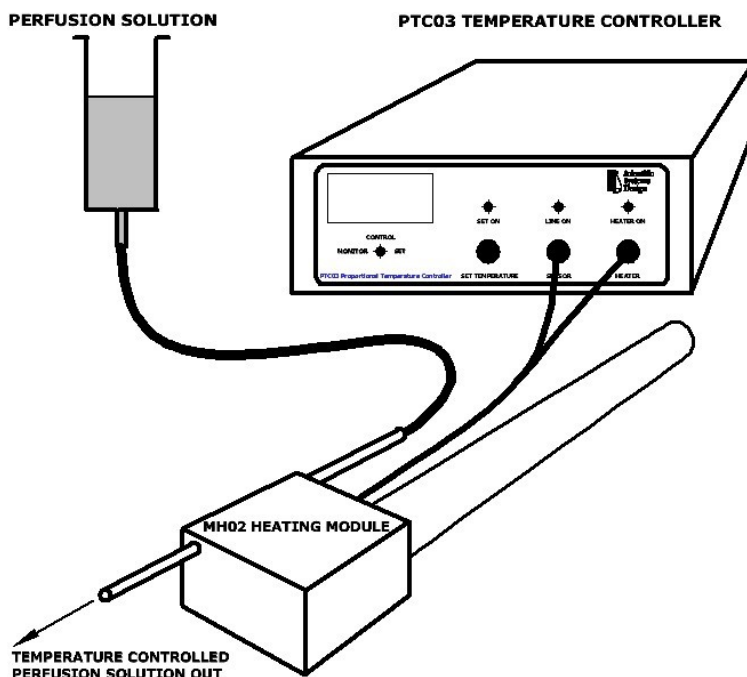
### In-Line Perfusion Solution Heater

The MH02 is designed to allow heating of perfusion solutions from ambient temperatures. The temperature control is achieved by the Proportional Temperature Controller PTC03.

#### FEATURES

- \* Compact in-line solution heater
- \* Single channel stainless steel tube for rapid heating
- \* Internal sensor for accurate feedback control
- \* Removable mounting rod for positioning close to preparations and chambers
- \* Proportional temperature controller (PTC03) with low noise performance for electrophysiology
- \* Low cost temperature controller (PTC04) for pharmacology experiments

This module is designed to heat any perfusion fluid during its passage through a stainless steel tube heat exchanger and intended for use on the microscope stage chambers particularly the MS1 chamber. It is easily adapted to a variety of preparations requiring stable temperature control. The heating element is controlled by the very low noise Proportional Temperature Controller, PTC03 or alternatively a regular controller PTC04 for pharmacology type experiments. This system is able to provide temperature control from ambient to 55 deg. C for perfusion rates ranging from 1ml/min to 6ml/min. The main body is 27mm square and 15mm in height. This compact design makes the MH02 suitable for use with other independent slice and organ baths where space is restricted.



*MH02 In-line perfusion heater with removable mounting rod. Set temperatures from ambient to 55 Deg C maintained over constant flow rates ranging from 1 to 6 ml/min. Output power in excess of 30 watts.*