

NEW

Heating/Cooling Perfusion Cube

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ALA's **NEW Heating/Cooling Perfusion Cube (HCPC)** features compact size, small internal volume, efficient power demand, inert material, and light weight. The **HCPC** is ideal for use on a microscope stage. The **HCPC** is an essential component for heating and cooling flowing liquids during electrophysiology and imaging studies.



HCPC, Heating/Cooling Perfusion Cube shown with MHOLD-HCPC magnetic ball joint holder

HCPC Features:

- *small footprint
- *polyamide output tip
- *flow rates up to 5ml/min
- *low adjustable internal volume
- *flexible cable with DIN connector
- *built-in temperature sensor in flow path
- *compatible w/mpi temperature controllers
- *internal wetted surface is ceramic coated
- *low dead volume adjustable from 100-200ul
- *fast temperature change at 1 degree per second



mpi PTC-10 Bipolar Temperature Controller



ALA Koolance liquid heat remover for HCPC

HCPC Specifications:

Weight: 90g with cable; Cable length: 1.2m; Connector: 8 pin DIN; Dimensions: 16x20x67 mm
Thermistor: 2252 Ohms at 25°C; Max Power: 7Volts, 3 Amps Peltier element; Max output: 21 Watts;
Volume: ~200ul, adjustable to 100ul; Max. temperature: 75°C; Min. Temperature: 0°C;
Flow rate: max: ~5ml/min at 1m height gravity feed, adjustable down to 0.5ml/min