Heated Perfusion Cubes

HPC-2/HPC-G

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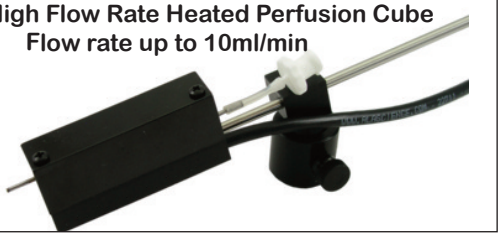
ALA's Heated Perfusion Cubes (HPC-2 and HPC-G) feature compact size, small internal volume, efficient power demand, inert material, and light weight. The **HPC-2** is ideal for low flow applications while the **HPC-G** is ideal for high flow applications. Both cubes are an essential component for heating flowing liquids during electrophysiology and imaging studies.

HPC-2 Standard Flow Rate Heated Perfusion Cube
Flow rates up to 5ml/min

HPC-G High Flow Rate Heated Perfusion Cube
Flow rate up to 10ml/min



Ordering Information for Cubes	
HPC-2*	Heated perfusion cube w/built-in sensor small volume
HPC-G*	High Flow Rate Heated Perfusion Cube
MMT-HPC	HPC magnetic stand holder
* Custom connections to other controllers are possible. Consult factory	

HPC-2/HPC-G Features:

- Polyimide output tip
- Low adjustable internal volume
- Flexible cable with DIN connector
- Built-in temperature sensor in flow path
- Compatible w/ALA or npi temperature controllers
- Internal wetted surface is ceramic coated
- Maximum 250µl typical internal volume
- Compact size
- Sensor in contact with flow path
- High Watt density

Specifications		
	HPC-2	HPC-G
Weight	75g with cable	40g with cable
Cable Length	1.2m	1.2m
Connector	8 pin DIN	8 pin DIN
Thermistor	2252Ω @ 25°C	2252Ω @ 25°C
Max. Power Output	12V/14 Watts	14V/40 Watts
Power Element	10 Ω	5Ω
Mounting Shaft	70 x 3mm	90 x 3
Volume	~200µl, adjustable to 100µl	~250µl
Temperature	ambient to 50°C	ambient to 50°C
Max. Flow Rate	~5ml/min @1m fluid height gravity feed, adjustable down to 0.5ml/min	10ml/min @ 1m fluid height gravity feed, adjustable down to 0.5ml/min
Dimensions	40 x 14 x 19 mm	51 x 22 x 14 mm