

HotChip™ Glass Chip Heater

Chip Static Mixer/Reactor Heating Unit for Flow Chemistry

HotChip™ Glass Flow Reactor Heater

Versatile heating module for Uniqsis glass static mixer/reactor blocks



- Temperature range: ambient to 225°C
- Compatible with all Uniqsis glass static mixer/reactor blocks
- Standalone or remote controlled operation (RS232, LAN)
- Accelerated gas cooling option

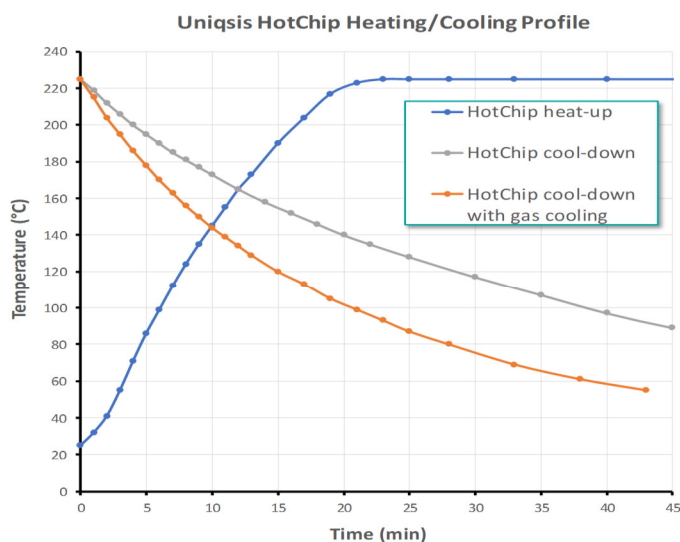
The Uniqsis **HotChip™** is a versatile standalone heater module for glass reactors/mixers. It is compatible with all Uniqsis glass static mixer/reactor blocks from 250µl to 20ml total channel volume and affords precise temperature control up to 225°C. A conductive insert allows either 1 large glass mixer, or up to 2 of the smaller glass mixers to be fitted.

Set point temperatures may be entered using either the 'push to set' rotary controller or remotely over a local area network (LAN). The large, bright animated LED display gives a clear indication of unit status (heating up or cooling down) that is visible cross the laboratory.

The **HotChip™** can be controlled using the **FlowSyn™** or **Binary Pump Module™**. However, for maximum flexibility and in particular for those flow chemists who wish to build their own bespoke or a more complex component based flow chemistry system, the **HotChip** is fully compatible with the Uniqsis **FlowControl™** system control software.

The insulated cover with glass viewing window features a cut-out that allows it to be conveniently removed and refitted without the need to disconnect the fluidic connections.

An enhanced cool-down option is available which utilises the low pressure compressed supply available in most laboratory fumehoods to accelerate cooling.



Uniqsis Glass Static Mixer/Reactor Blocks

Borosilicate glass static mixer blocks for flow chemistry

<p>UQ5101</p> <p>2 inlet channels {A+B}</p> <p>2x 30µL pre-mix tempering channels</p> <p>270µL mixing domain</p> <p>P_{max}=40bar; size: 56 x 110 x 7.0mm</p>		
<p>UQ5102</p> <p>2 inlet channels {A+B}</p> <p>2x 200µL pre-mixing channels</p> <p>1600µL mixing domain</p> <p>P_{max}=40bar; size: 56 x 110 x 7.0mm</p>		
<p>UQ5106</p> <p>3 inlet channels {[A+B]+C}</p> <p>3x 200µL pre-mix tempering channels</p> <p>1000µL mixing domain [300µL/700µL]</p> <p>P_{max}=40bar; size: 56 x 110 x 7.0mm</p>		
<p>UQ5107</p> <p>2 inlet channels {A+B}</p> <p>2x 2500µL pre-mix tempering channels</p> <p>10ml mixing domain</p> <p>Size: 140 x 130 x 7.5mm</p>		
<p>UQ5108</p> <p>2 inlet channels {A+B}</p> <p>2x 1000µL pre-mix tempering channels</p> <p>20ml mixing domain</p> <p>Size: 140 x 130 x 7.5mm</p>		

UQ1026 HotChip Heating Module — Specification

Dimensions	232 mm (w) x 243 mm (d) x 150 mm (h)
Power supply/Weight	230V 425VA or 110V 425VA; 5kg