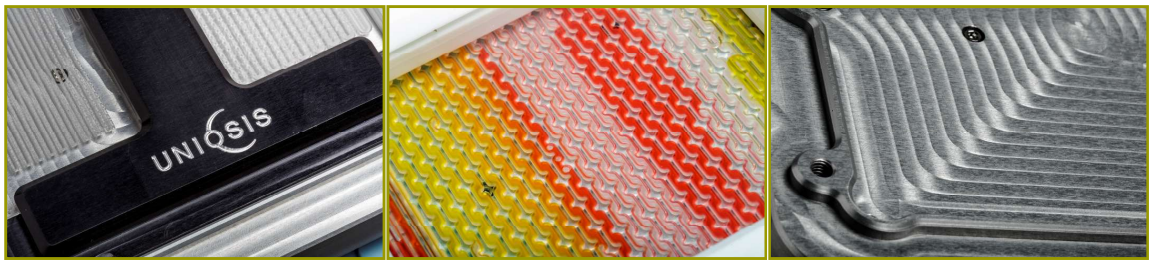
Asynt
By chemists, for chemists



HotChip™ Glass Chip Heater

Chip Static Mixer/Reactor Heating Unit for Flow Chemistry

www.asynt.com
enquiries@asynt.com
+44 (0)1638 781709

HotChip™ Glass Flow Reactor Heater

Versatile heating module for Asynt glass static mixer/reactor blocks

- **Temperature range: ambient to 230 °C**
- **Compatible with all Asynt glass static mixer/reactor blocks**
- **Standalone or remote controlled operation (RS232, LAN)**
- **Accelerated gas cooling option**

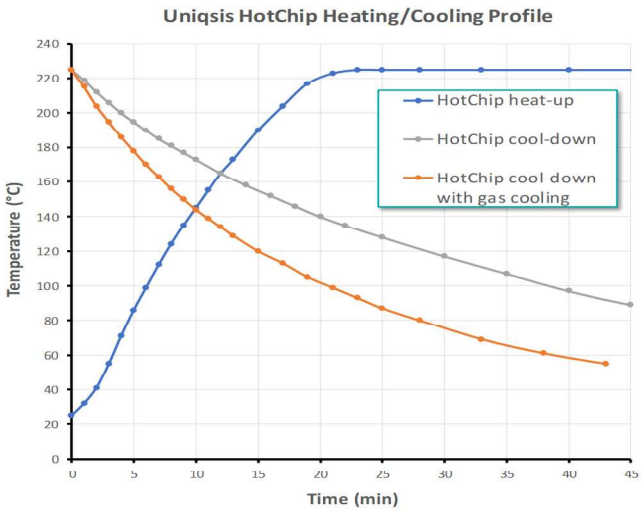
The Asynt **HotChip™** is a versatile standalone heater module for glass reactors/mixers. It is compatible with all Uniqsis glass static mixer/reactor blocks from 250µl to 20ml total channel volume and affords precise temperature control up to 225°C. A conductive insert allows either 1 large glass mixer,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



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Uniqsis Glass Static Mixer/Reactor Blocks

Borosilicate glass static mixer blocks for flow chemistry

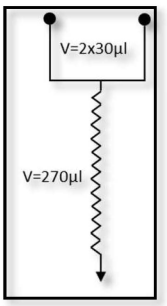
UQ5101

2 inlet channels {A+B}

2x 30µL pre-mix tempering channels

270µL mixing domain

P_{max}=40bar; size: 56 x 110 x 7.0mm



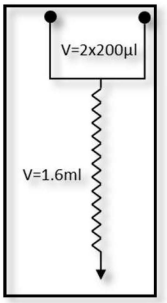
UQ5102

2 inlet channels {A+B}

2x 200µl pre-mixing channels

1600µl mixing domain

P_{max}=40bar; size: 56 x 110 x 7.0mm



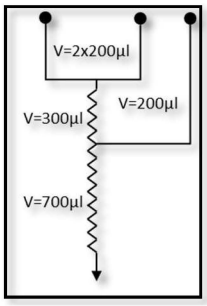
UQ5106

3 inlet channels {[A+B]+C}

3x 200µl pre-mix tempering channels

1000µl mixing domain [300µl/700µl]

P_{max}=40bar; size: 56 x 110 x 7.0mm



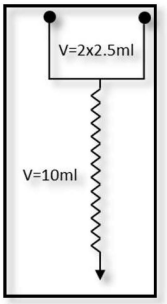
UQ5107

2 inlet channels {A+B}

2x 2500µl pre-mix tempering channels

10ml mixing domain

Size: 140 x 130 x 7.5mm



UQ5108

2 inlet channels {A+B}

2x 1000µl pre-mix tempering channels

20ml mixing domain

Size: 140 x 130 x 7.5mm