



HotCoil™ Coil Heater

Coil Reactor Heating Unit for Flow Chemistry

 **Advion Interchim**
scientific

UNIQSIS
Accessible flow chemistry

HotCoil™ Flow Reactor Heater



Low cost coil reactor heating module for flow chemistry



- Temperature range: ambient to 260°C
- Use as a standalone coil heater module in combination with your own pumps
- Perfect for adding additional reactor capacity to FlowSyn for scale up
- Compatible with FlowSyn, Binary Pump Module & FlowControl™ system control software

The Uniqsis HotCoil™ represents an excellent low cost, safe entry into flow chemistry that is compatible with all Uniqsis coil reactors. Simply add your own pumps to assemble a basic flow chemistry system.

The HotCoil can be operated both in standalone mode using the simple 'push to set' (red display) and 'push to start' (green display) control knob and in combination with all existing Uniqsis products.

The decimal points in the display act as a useful indicator of status and track left to right, or right to left to indicate heating up and cooling down respectively and can be easily seen from a distance.

Starting with the Uniqsis Binary Pump reagent addition module, add up to 2 HotCoils, and up to 2 Polar Bear Plus flow™ reactor modules to build a system capable of running both manual and automated flow chemistry experiments.

The HotCoil can also be remotely controlled by the FlowSyn and this constitutes an excellent route to scale up by adding additional reactor capacity and thereby throughput to an existing FlowSyn flow chemistry system.

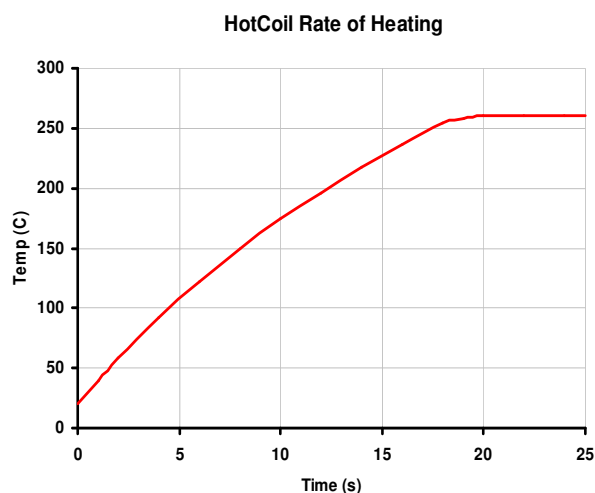
For maximum flexibility and in particular for those flow chemists who wish to build their own bespoke or a more complex component based flow chemistry system, the HotCoil is auto-detected by Uniqsis's FlowControl™ system control software.

Benefits:

- Easy to use
- Compatible with all Uniqsis coil reactors
- Quickly scale up your flow chemistry
- Safe and convenient
- Large bright and clear LED display

Features:

- Visual indication of current mode (heating up, cooling down, close to set point)
- LED remote and external control indicators.
- Chemically resistant PTFE coated containment tray

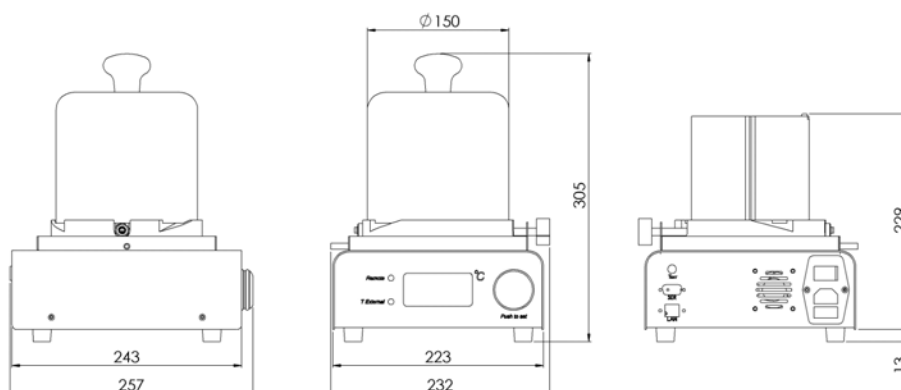


As shown, up to 2 **HotCoils** can be connected to and controlled by the Uniqsis FlowSyn or Binary Pumping Module.

The FlowSyn can also be fitted with bigger 50ml/min pump heads to implement rapid scale up of flow chemistry reactions where throughput is increased by increasing the reactor volume whilst maintaining an identical temperature and residence time.



The Uniqsis **HotCoil™** heated coil reactor module - a versatile new modular component that provides a useful addition to your existing flow chemistry equipment portfolio.



UQ1022/UQ1023 HotCoil Coil Heating Module — Specification

Dimensions	232 mm (w) x 243 mm (d) x 305 (with glass cover) mm (h)
Comms	RS232 and LAN
Optional external temp probe	Pt1000
Power supply	220V 470VA or 110V 470VA
Weight	5 kg



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