

**Affordable, high-performance flow photoreactor**

**The Borealis™**

from Uniqsis brings flow photochemistry within the budget of almost any laboratory. The Borealis™ sets a new benchmark for safe high yield photochemical flow synthesis.



**Equipped with a safety interlock,**

to prevent accidental exposure to high intensity light, the LED lamps (available in a range of fixed wavelengths - 370, 410, 440, 460 and 520nm), are powered by a programmable power supply that automatically detects the wavelength of the Borealis™ LED module and adjusts the output characteristics accordingly. A temperature sensor and safety cut-out are fitted to protect the LEDs from overheating. An Inert gas purge input is provided for low temperature use.

**To set up the Borealis™ flow photoreactor**

- a coil reactor is inserted inside a Cold Coil™ reactor module and clamped in place using the external adjuster. The Borealis™ LED lamp unit is then inserted into the coil reactor and connected to the programmable power supply

**The coil reactor temperature**

is controlled by connecting the Cold Coil to either a cold-water supply (for reactions close to room temperature), or preferably to a high precision thermoregulation system.

**For further information**

on the Borealis™ Flow Photoreactor please visit

<https://www.uniqsis.com/paProductsDetail.aspx?ID=Borealis> or contact Uniqsis on +44-845-864-7747/  
[info@uniqsis.com](mailto:info@uniqsis.com).

**Uniqsis td.**

Since 2007, Uniqsis has specialised in the design and supply of mesoscale continuous flow chemistry systems for a wide range of applications in chemical and pharmaceutical research. The company's aim is to make flow chemistry easily accessible to both novices and experienced users.

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