

Uniqsis launch Borealis Photoflow Reactor

Borealis™ from Uniqsis

is a new high intensity LED lamp unit, available in a range of fixed wavelengths (370, 410, 440, 460 and 520nm), that converts their Cold Coil™ standalone reactor module into a flow reactor for photochemical applications

Both the Borealis

™ LED lamp and the Cold Coil™ reactor modules require liquid cooling from either a piped water supply or a closed loop recirculator.



Fitted

with a safety interlock, to prevent accidental exposure to high intensity light, the LED lamps are powered by a programable 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



The coil reactor temperature

is controlled by connecting the Cold Coil to a 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™ high intensity LED lamp unit and how it can convert a Cold Coil™ reactor module into a flow reactor for photochemical applications please visit

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

Uniqsis Ltd.

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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