

*f*Reactor™ PhotoFLOW

...one for every lab

Photochemistry In Flow Safe Plug-And-Go Technology

The *f*Reactor PhotoFLOW module was developed by the University of Leeds in conjunction with Asynt and gives scientists the potential to develop and expand their Flow Chemistry work quickly and easily to include photochemistry.

With a safety cut-out switch triggered when the module is lifted away from the CSTR, and built-in cooling on every module, the *f*Reactor PhotoFLOW is safe and effective for all.

Purchased individually or in multiples, each *f*Reactor PhotoFLOW module is positioned over the desired *f*Reactor position in your set-up with easy to use plug-and-glow technology. With a fully customisable configuration possible, you can use a single compact Photo module on one of the 5 *f*Reactor CSTRs, or add further Photo modules for up to five positions running simultaneously. All five of these can run from just one power supply using optional splitter leads.



Most popular modules: 460 nm (Blue) 10w LED COB chips, 365 nm (UV) 10 W LED COB chips

Also available: 390, 395, 410, 523, 590, 623, 740, 850, 940, cool white, neutral white and warm white

- *f*Reactor PhotoFLOW modules available individually for easy customisation of your reaction setup
- Comprehensive range of wavelengths to suit your photochemistry requirements
- Demonstrated capabilities to give high productivity in homogeneous systems
- Ability to handle different reaction regimes (short to long residence times)
- Combines the ability to handle multiphasic flows (L/S and G/L) with photochemistry
- Suitable for heating up to 55 °C max.
- One power supply is sufficient for up to five modules via connection splitter



Talk with our technical team to
discover the benefits for your chemistry

AsyntFlow

