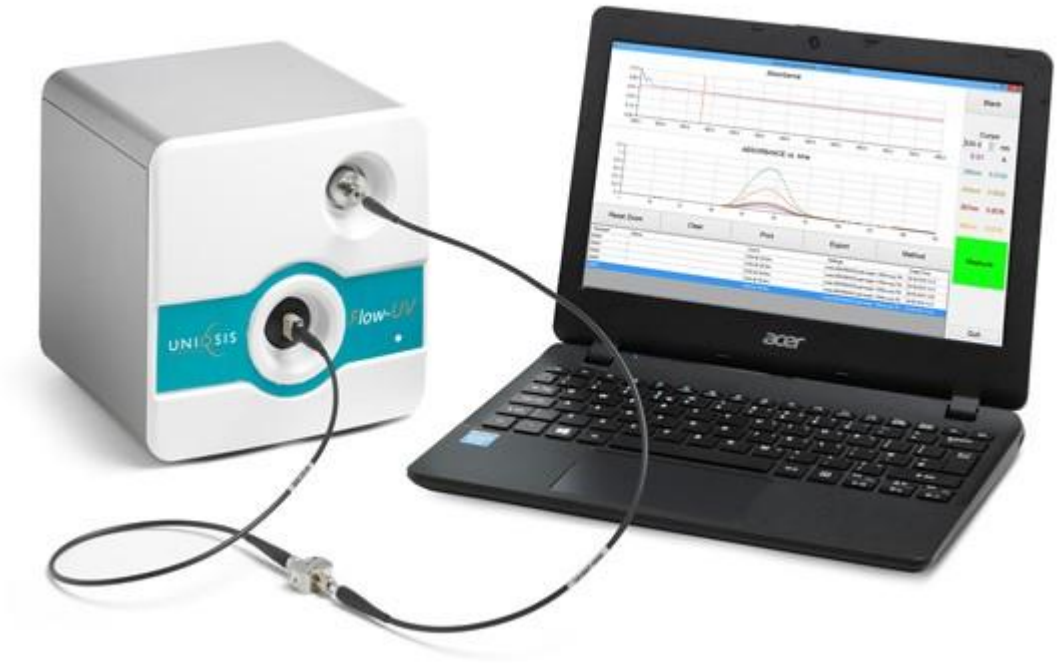
Universal UV-Visible Detector for Continuous Flow Chemistry

The Flow-UV™ from Uniqsis is a **universal in-line UV-Visible detector** that sets a new standard for real time monitoring of continuous flow applications.

The compact, high-resolution Flow-UV™ CCD array detector
does not require calibration or routine servicing. In contrast to conventional Deuterium UV lamps, the Xenon flash lamp source used in the Flow-UV™ has a lifetime of up to 10 years. Flow-UV™ is extremely easy-to-use.



Having set up
and saved a method using the Flow-UV™ control software, pressing a single button is all that is required to start acquisition. To assure linearity of response, Flow-UV™ allows you to select up to 5 wavelengths over which to monitor a reaction thereby ensuring detector saturation is avoided. Absorbance is plotted against time using the system control software. The control software may be configured to automatically record a background spectrum at the beginning of each experiment.

Fibre optic waveguides
connect a choice of Flow-UV™ high pressure flow cells to the source and detector thereby permitting the flow cell to be positioned virtually anywhere in the flow path. The flow cell uses a short length of PFA reactor tubing and is therefore not restricted to being located after the outlet back pressure regulator in the low-pressure region of the flow path where outgassing could be problematic.

For further information
on the Flow-UV™ detector please visit https://www.uniqsis.com/paProductsDetail.aspx?ID=Flow-UV 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.

Further Information:

Uniqsis Ltd
29 Station Road
Shepreth
Cambridgeshire CB7 5RJ
UK

tel: +44-845-864-7747
email: info@uniqsis.com
web: www.uniqsis.com