

Press Release

Sirah's PrecisionScan takes pulsed dye laser operation to new limits

Edinburgh, 16 June 2010

Sirah have re-invented the pulsed dye laser with the re-design of their most sophisticated dye laser – the PrecisionScan. Distributed in the UK and Ireland by Photonic Solutions, the new PrecisionScan offers the same level of precision mechanics, wavelength accuracy and reliability as the previous model PrecisionScan but now boasts superior operational features in a more compact unit.



A completely new feature is automatic grating exchange. Two gratings are mounted on a high precision linear stage allowing a rapid change of the grating without the need for a full re-calibration of the system. This allows for operation always with a perfectly matched grating and without gaps. The controls for the laser are now oriented to the top side with the lid of the laser attachable to front or backside, hence operation from any side and free placement of the pump laser is available. The laser also now comes with a touchpanel remote control for hands free operation. Re-designed from scratch, the new PrecisionScan is now more compact occupying less table space.

The PrecisionScan accommodates either one amplifier stage and an FCU inside the main cabinet, or, if very high pump energy is required, the system can be fitted with a second main amplifier. If the system is used for non-linear mixing, it is possible to mount a wavelength separation unit inside the PrecisionScan.

For Immediate Release

All PrecisionScan laser systems feature unique double wavelength pumping optics which allow a change of pump wavelength between 532 and 355nm without even touching pump optics.

For more information visit www.photonicsolutions.co.uk

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