

Press Release

Distributor news from Photonic Solutions

Edinburgh, 7 August 2008

Among the latest products being exclusively distributed in the UK by Photonic Solutions is an extensive range of JDSU HeNe lasers, offering power outputs from 0.5mW to 22.5mW at 633nm. These low noise, high power stability, and long life HeNe lasers have been designed for the most demanding applications in areas such as flow cytometry, metrology, semiconductor inspection, laser induced fluorescence, alignment and high-speed printing. All JDSU HeNe lasers feature their patented close-cathode design that rapidly and uniformly distributes discharge heat throughout the laser, resulting in excellent thermal, beam-pointing, and power stability. This extensive range of JDSU HeNe lasers is available for purchase on-line from our webshop at <http://www.photonicshop.co.uk>.



Also via Photonic Solutions, Becker & Hickl continue to expand their range of Simple-Tau tabletop TCSPC systems with the release of the Simple-Tau 154. This model features up to four fully parallel TCSPC channels and brings the number of available models in the Simple-Tau range to five, offering the flexibility of single, dual or four channel TCSPC detection with 8ps IRF, 813fs temporal resolution and count rates up to 40MHz.

Latest developments from Quantronix see the company expand their ultrafast laser product line to include TeraWatt ($1\text{TW} = 10^{12}\text{W}$) output power in a compact and low cost package. The Thor HE is a 10Hz amplifier with ODIN front end producing >30mJ



For Immediate Release

at 30fs (ie >1TW) with the complete system including broad band seed laser and pump lasers, costing less than £250k.

Quantronix offer the widest range of ultrafast products of any manufacturer with a model to suit almost any application and budget, and now offer everything from UF oscillator to pump laser to amplifier to UF OPA.

Worldwide, Quantronix are seeing their market share rise dramatically in this competitive ultrafast arena, due to their high specification designs and low price. For more information contact John O'Connor, john.oconnor@photronicsolutions.co.uk.

Finally, among the latest products from High Q Laser which Photonic Solutions are distributing in the UK is the high-power, ultra-fast, picoREGEN UC-Industrial. This laser is the most compact, all-in-one picosecond amplifier available on the market, supplying 12ps pulses at 1064nm at repetition rates from single shot to 500kHz and with a power of up to 30W. High Q's picoREGEN UC-Industrial laser has been specifically designed and tested to meet industrial demands. Ideal for high speed micro- and nano-processing without thermal effects, the picoREGEN UC-Industrial can be utilised in a wide range of applications in areas such as micro/nano processing, semiconductor processing, medical life sciences, ultra-fast spectroscopy and non linear optics.

~ENDS~