

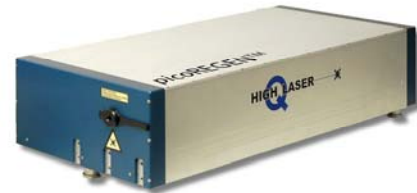
Press Release

Compact, all-in-one picosecond amplifier from High Q Laser meets industrial demands with 30W output power at 500kHz repetition rate.

Edinburgh, 12 August 2008

High Q Laser introduces the most compact, all-in-one picosecond amplifier available on the market. Measuring just 78cm x 34cm, the *pico*REGEN™ UC-Industrial amplifier supplies 12ps pulses at single shot to 500kHz at 1064nm with a power of up to 30W.

Distributed in the U.K. by Photonic Solutions, this high-power, ultra-fast regenerative amplifier has been specifically designed and tested to meet industrial demands, with turn-key operation, TTL triggering from single pulses up to a repetition rate of 500 kHz at constant pulse energy, excellent robustness and reliability, a single 19" all-in-one control unit, and a design goal of 12 months maintenance interval. Ideal for high speed micro- and nano-processing without thermal effects, the *pico*REGEN™ UC-Industrial can be utilised in a wide range of applications in areas such as micro/nano processing, precise laser ablation in metals and ceramics, semiconductor processing such as thin film ablation, medical life sciences, ultra-fast spectroscopy and non linear optics.



High Q Laser is a leading manufacturer of ultrafast all-diode-pumped, solid-state pico- and femtosecond oscillators and regenerative amplifiers. All High Q Lasers are based on direct diode-pumping and semiconductor saturable absorber mirror (SESAM) modelocking and feature sealed-off technology leading to long life time and reliability - saving time and money. Photonic Solutions is the exclusive U.K. distributor of the High Q Laser range of all-diode-pumped solid-state ultra-fast lasers. Please contact us or visit our website at <http://www.photronicsolutions.co.uk> for more information on the *pico*REGEN™ UC-Industrial or the other ultra-fast lasers available from High Q Laser.

For Immediate Release