

VisiTech released the new Dual Output Laser Merge Module

Sunderland, UK – 14 September 2009: VisiTech International Ltd. today announced the release of the next generation dual output laser merge module.

The unique design of the laser merge module combines the tightly collimated laser beams from multiple laser sources into a single collinear beam. This beam can be channelled to two different output sources; this allows one laser merge module to be used with two different laser enhanced instruments; for example Confocal Imaging and Total Internal Reflection Microscopy. This cost-effective solution houses up to six solid state lasers.

The AOTF (Acousto-Optical Tunable Filter) module integrated with the unit permits the software control of laser line selection, individual line intensity and high speed shuttering. Optical fibres connect between the laser merge module and the laser enhanced instrumentation providing a totally enclosed path for the laser illumination. Switching between output fibres can be performed at very high speed (<3mS).



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