

NEW 2017: VS-LMS Laser Combiner with up to 8 laser lines

Preliminary 08-2017

Flexible Multiple Laser Engine with highly stable Laser Outputs

The new generation of Visitron Systems Laser Merge Systems (LMS) is now available in a very compact design with up to 8 laser lines, three FC fiber outputs and an optional motorized alignment function.



VS-LMS Laser Combiner AC with 8 laser channels

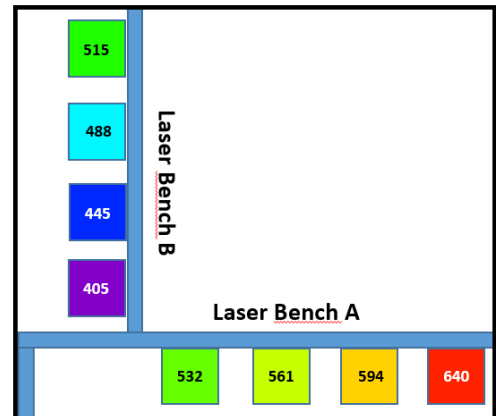
Key features of the new VS-LMS system:

- Multi-line laser source including up to 8 lasers
- All solid-state lasers for high stability and lifetime
- Port Switcher with up to 3 output ports e.g. VisiScope Confocal, VisiFRAP, VisiTIRF including iLAS support
- Thermally managed system

Modularity of VS-LMS Laser Combiner AC:

Wavelength* (nm)	Maximum Power Rating* (mW)
405	300
445	100
488	200
515	100
532	150
561	200
594	150
640	200

*: other wavelengths/powers upon request



Specifications:

Maximum number of lasers	8
Wavelength range (nm)	405-640*
Multiport switch output option	up to 3
Multiport switch time (ms)	3
Blank/TTL Modulation (diode) MHz	5
Blank/TTL Modulation (OPSL) MHz	0.05
Computer control interface	USB
TTL/Analog control interface	D-SUB

Flexible Combinations:

