



DPSS Laser Systems

Quantum Composers Laser Systems

Our engineers have been specializing in lasers and full system design for more than 20 years. Quantum Composers has the resources to bring your ideas into reality. Our engineers assist customers in integrating technology into custom systems and designs; from product branding to fully custom laser systems.

System Features:

- Dual or Multi-Wavelength Systems
- Independent or Dual Attenuation
- Fixed or Adjustable Polarization
- Beam Blending
- Video Microscope Unit

Optional Items:

- Turret
- Z-Axis
- Energy Meter
- Autofocus



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ADDITIONAL INFORMATION

Addition Features Include: Self-Diagnosing Software, Swappable Resonators and Diodes with minimal alignment or adjusting, and optional Bluetooth interfacing capability.

Common applications include: Ablation, LIBS, PIV, Cell Repair, Mass Spectrometry and TFT-LCD Panel Repair.

TECHNICAL SPECIFICATIONS

	LS-615	LS-625	LS-635
Wavelength	Multi-wavelength system (1 to 3 wavelengths) (1064/532/355/266)	Two-wavelength system (1064/532/355/266)	Two-wavelength system (1064/532/355/266)
Attenuation	Independent wave-length attenuation	Dual- wavelength attenuation	Dual- wavelength attenuation
Beam Blending	Yes	No	No
Output Polarization	Fixed	Adjustable	Adjustable
Slit	2.5mm or 4mm	2.5mm or 4mm	2.5mm or 4mm
Rep Rate	Up to 40Hz*	Up to 40Hz*	Up to 40Hz*
Turret	From 2 to 6	From 2 to 6	n/a
Z-Axis	Optional	n/a	n/a
VMU	Included **	Included **	n/a
Illumination	Slit backlight & coax	Slit backlight & coax	Slit backlight
Autofocus	Optional AF910	n/a	n/a
Objectives	User provided	User provided	n/a
Energy Meter	Optional external	Optional External	Optional External
Android App Control (Bluetooth)	Future	Future	Future
Power Supply	2U rack mount - air cooled	2U rack mount - air cooled	2U rack mount - air cooled

*20 Hz continuous, up to 40Hz burst

**Camera not included



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