



STELLAR-PRO Series Lasers
For Scientific and OEM Applications



Stellar-PRO

Argon Single-line and Multi-line Laser Systems

The Stellar-PRO is the most compact and powerful laser in its class. With the laser tube, power supply, and cooling fans integrated into a single package, the Stellar-PRO is completely self-contained making it extremely compact and efficient. The Stellar-PRO is available in the 3 standard argon wave-lengths (457nm, 488nm, 514nm) or multi-line outputs delivering up to 150mW of TEM₀₀ power.

Performance Specifications

Beam Diameter 1/e ²	0.65mm
Beam Divergence	0.95mrad
Polarization Ratio (TEM ₀₀ only)	>100:1
Beam Amplitude Noise	<1% RMS
Beam Pointing Stability (after warmup)	<30urad
Beam Output Power Drift (after warmup)	< +/- 1%
Warmup Time (from cold start)	5 minutes
Multi-Line Output Power (TEM ₀₀ / multi-mode)	150mW / 300mW
457nm Single-Line Output Power (TEM ₀₀ / multi-mode)	10mW / 20mW
488nm Single-Line Output Power (TEM ₀₀ / multi-mode)	50mW / 100mW
514nm Single-Line Output Power (TEM ₀₀ / multi-mode)	50mW / 100mW

Electrical Specifications

Line Voltage (standard)	95VAC - 127VAC
Line Voltage (optional)	195VAC - 240VAC
Line Voltage (optional - universal)	95VAC - 265VAC
Line Frequency	50Hz to 60Hz
Power Consumption (max.)	1500 Watt

Physical Specifications

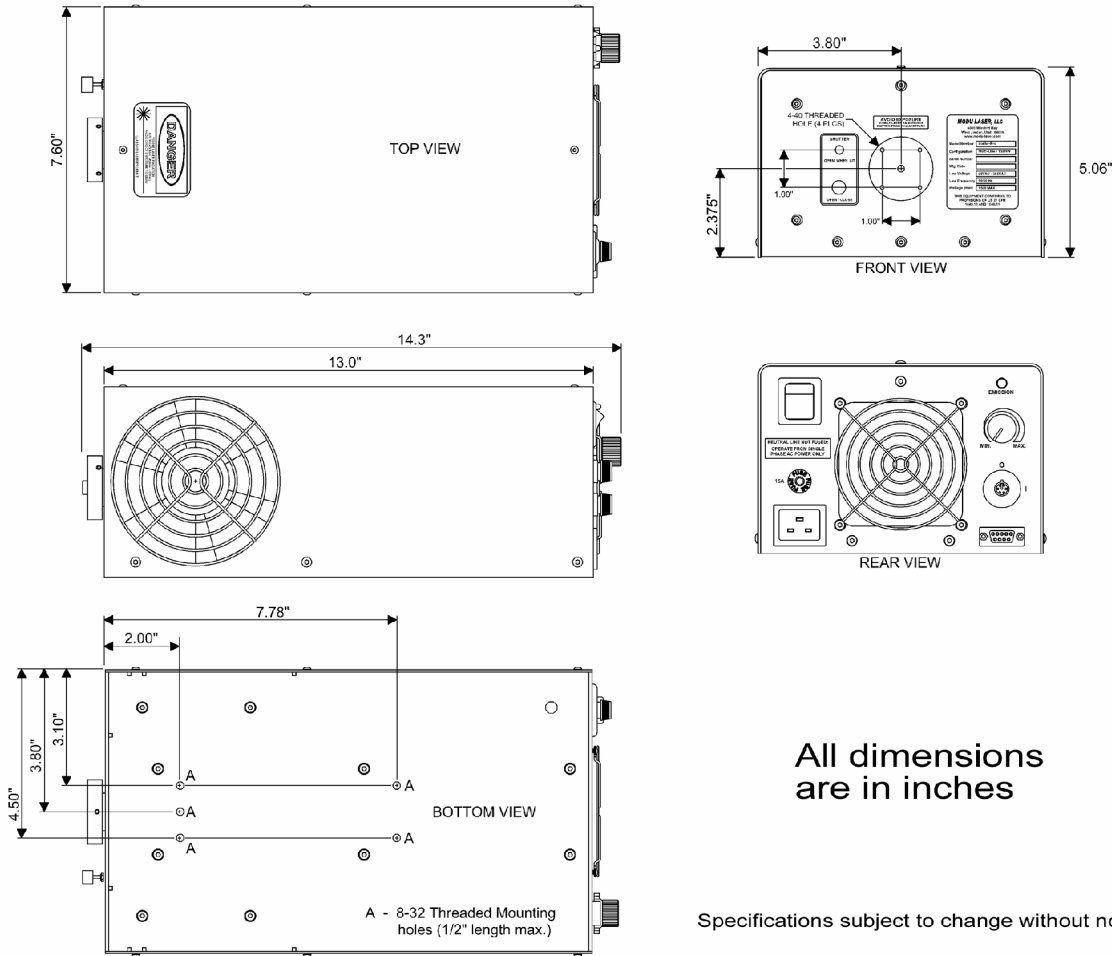
Dimensions (L x W x H)	13.0" x 7.6" x 5.1" (33.0cm x 19.3cm x 12.9cm)
Weight	13.0 lbs (5.9 kg)
Cooling	Forced Air

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Stellar-PRO

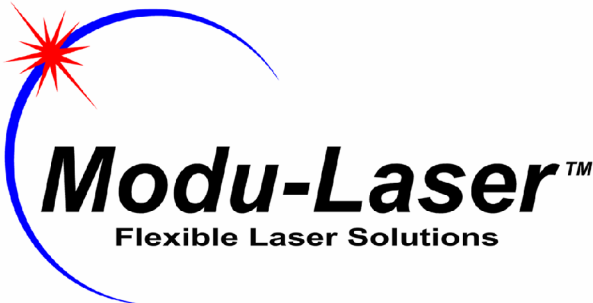
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Stellar-PRO Dimensional Information



All dimensions
are in inches

Specifications subject to change without notice



Finding solutions to meet your needs... That's what we do!