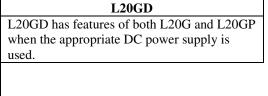


Model L20G Specifications

Model	L20G	L20GP
Wavelength (µm)	9.2 - 10.7	9.2 - 10.7
No. of Lines	50	55
CW Power (W)	8	5 (average)
Peak Power (W)	8	24
Power Stabilty	±5%	±5%
Mode Quality (M ²)	< 1.2	< 1.2
Beam Waist Diameter	2.4 mm	2.4 mm
Full Div. Angle	5.5 mrad	5.5 mrad
Polarization	Vertical	Vertical
Rise Time (µs)	200	100
Fall Time (µs)	200	100
Supply Voltage (DC)	28V 500W	48V 500W
Electronic PWM	Any frequency up to 100 kHz, duty cycle	Any frequency up to 100 kHz, duty cycle 0-30%, pulse length to
Parameters	0-100%	0.5 ms
Cooling Requirement ¹	Water Cooled	Water Cooled
Working Temperature	5-40° C	5-40° C
Dimensions (LxWxH, inch)	32x2.8x3.8	32x2.8x3.8





¹Chiller Water Temperature 10-20° C Stability ±0.1° C Flow Rate 0.5 GPM

Factory warranty: One year for parts and labor due to manufacturing quality, regardless of laser usage

Options available:

- 5.5um with CO gas fill (Model L20GCO)
- 11.2 um with 13CO2 isotope

- Real time power sampling
- Stabilization to $\pm 1\%$ with Line Tracker

* Includes RF driver & laser controller

- * Specifications subject to change without notice.
- We strive to satisfy custom requirements. Please contact us if you have other special needs.

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