



CO₂-Lasers

Model	Wavelength	Power	Mode	Polarisation	Beam dia.	Divergence	Price <i>approx.</i>
standard CO₂ lasers							
LCD-1A	10.6µm	1.5 W	TEM ₀₀	linear	2.0 mm	10 mrad	by request
LCD-3A	10.6µm	3 W	TEM ₀₀	linear	2.0 mm	10 mrad	5,394 €
LCD-5AGT	9.2-10.8µm	5 W	TEM ₀₀	linear	2.0 mm	10 mrad	14,787 €
LCD-5WG	9.2-10.8µm	5 W	TEM ₀₀	linear	2.0 mm	10 mrad	9,228 €
LCD-5WGT	9.2-10.8µm	5 W	TEM ₀₀	linear	2.0 mm	10 mrad	12,108 €
LCD-10A	10.6µm	10 W	TEM ₀₀	linear	2.2 mm	8 mrad	5,523 €
LCD-10W	10.6µm	10 W	TEM ₀₀	linear	2.2 mm	8 mrad	5,523 €
LCD-10AG	9.2-10.8µm	10 W	TEM ₀₀	linear	2.0 mm	10 mrad	10,088 €
LCD-10WG	9.2-10.8µm	10 W	TEM ₀₀	linear	2.0 mm	10 mrad	10,088 €
LCD-10WG-2T	10.8µm	10 W	TEM ₀₀	linear	2.0 mm	10 mrad	10,373 €
LCD-15A	10.6µm	15 W	TEM ₀₀	linear	2.0 mm	10 mrad	8,500 €
LCD-15W	10.6µm	15 W	TEM ₀₀	linear	2.0 mm	10 mrad	8,500 €
LCD-15AG	9.2-10.8µm	15 W	TEM ₀₀	linear	2.2 mm	8 mrad	11,326 €
LCD-15WG	9.2-10.8µm	15 W	TEM ₀₀	linear	2.2 mm	8 mrad	11,326 €
LCD-20A	10.6µm	20 W	TEM ₀₀	linear	2.2 mm	8 mrad	10,033 €
LCD-20W	10.6µm	20 W	TEM ₀₀	linear	2.2 mm	8 mrad	10,033 €
LCD-25A	10.6µm	25 W	TEM ₀₀	linear	2.2 mm	8 mrad	11,480 €
LCD-25W	10.6µm	25 W	TEM ₀₀	linear	2.2 mm	8 mrad	11,480 €
LCD-50A	10.6µm	50 W	TEM ₀₀	linear	2.2 mm	8 mrad	14,376 €
LCD-50W	10.6µm	50 W	TEM ₀₀	linear	2.2 mm	8 mrad	14,376 €
LCDP-200	9-11µm	200 W	near to TEM ₀₀	linear	> 2.2 mm	8 mrad	41,972 €
pulsed CO₂ laser							
LGI-512	10.6µm	Pulse energy: >0.004 J Repetition rate: 300-3000 Hz Pulse duration: >130µs	TEM _{mn}	linear	1.5mm	8mrad	by request
stabilized CO₂ laser							
LCD-1W-S-1059 LCD-1W-S-94	10.59 / 9.4µm stabilization: 150kHz/s	1 W	TEM ₀₀	linear	2.0 mm	10 mrad	by request
LCD-8W-S-1059 LCD-8W-S94	10.59 / 9.4µm stabilization: 150kHz/s	8 W	TEM ₀₀	linear	2.0 mm	10 mrad	by request
LCD-8W-S-94- 1059 2 wavelengths in one laser	9.4+10.59µm stabilization: 150kHz/s	8 W 8 W	TEM ₀₀	linear	2.0 mm	10 mrad	by request

G - radiation power at a fixed wavelength due to integrated diffraction grating, power is given on the most intensive line in the specified wavelength range, A - forced air cooling, W - forced water cooling, T - tunable wavelengths, 2T - two wavelengths in one laserhead

There is a possibility to integrate refilling valve - CO₂ gas can be easily refilled without laser exchange

Power supply and protection eyewear are included

Laser specifications can be changed according to customized design