



CO₂-Lasers

Model	Wavelength	Power	Mode	Polarisation	Beam dia.	Divergence	Price approx.
standard CO₂ lasers							
LCD-1A	10.6µm	1.5 W	TEM ₀₀	linear	2.0 mm	10 mrad	4,100 €
LCD-3A	10.6µm	3 W	TEM ₀₀	linear	2.0 mm	10 mrad	5,455 €
LCD-5WG _T	9.2-10.8µm	5 W	TEM ₀₀	linear	2.0 mm	10 mrad	6,980 €
LCD-10AG _T	9.2-10.8µm	10 W	TEM ₀₀	linear	2.0 mm	10 mrad	8,200 €
LCD-10A	10.6µm	10 W	TEM ₀₀	linear	2.2 mm	8 mrad	5,834 €
LCD-10AG	9.2-10.8µm	10 W	TEM ₀₀	linear	2.0 mm	10 mrad	7,769 €
LCD-10WG	9.2-10.8µm	10 W	TEM ₀₀	linear	2.0 mm	10 mrad	7,769 €
LCD-10AG-2T	10.8µm	20 W	TEM ₀₀	linear	2.0 mm	10 mrad	8,439 €
LCD-15A	10.6µm	15 W	TEM ₀₀	linear	2.0 mm	10 mrad	8,230 €
LCD-15W	10.6µm	15 W	TEM ₀₀	linear	2.0 mm	10 mrad	8,230 €
LCD-15WG	9.2-10.8µm	15 W	TEM ₀₀	linear	2.2 mm	8 mrad	9,183 €
LCD-20A	10.6µm	20 W	TEM ₀₀	linear	2.2 mm	8 mrad	8,796 €
LCD-25W	10.6µm	30 W	TEM ₀₀	linear	2.2 mm	8 mrad	8,818 €
LCD-50W	10.6µm	50 W	TEM ₀₀	linear	2.2 mm	8 mrad	11,914 €

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	10,716 €
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stabilized CO₂ laser

LCD-1W-S-1059	10.59µm stabilization: 150kHz/s	1 W	TEM ₀₀	linear	2.0 mm	10 mrad	6,846 €
LCD-1W-S-94	9.4µm stabilization: 150kHz/s	1 W	TEM ₀₀	linear	2.0 mm	10 mrad	8,334 €
LCD-8W-S-1059	10.59µm stabilization: 150kHz/s	8 W	TEM ₀₀	linear	2.0 mm	10 mrad	8,483 €
LCD-8W-S-94	9.4µm stabilization: 150kHz/s	8 W	TEM ₀₀	linear	2.0 mm	10 mrad	9,972 €
LCD-8W-S-94-1059	9.4µm stabilization: 150kHz/s	8 W	TEM ₀₀	linear	2.0 mm	10 mrad	14,770 €
2 wavelengths in one laser	10.59µm stabilization: 150kHz/s	8 W	TEM ₀₀	linear	2.0 mm	10 mrad	

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

CO₂ glas can be easily refilled without laser exchange

Laser specifications can be changed according to customized design