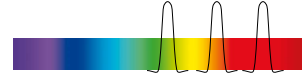




He-Ne laser modules



He-Ne laser tubes



LASOS® He-Ne laser series

The LASOS Helium Neon laser tubes and modules have a robust mechanical design, excellent beam quality and long service life of up to 30,000 hours. Standard and customized models are available in a large variety in the spectral range red, green and yellow with output powers between 0.5 and 20 mW. Options are single mode or multi-mode, randomly or linearly polarized and Brewster window tubes for educational and scientific purposes.

All laser models can be provided with adequate OEM and laboratory power supplies, meeting the European and American standards with the availability of approvals and certificates CDRH, IEC, CSA, CE, TÜV, UL.

The Helium Neon lasers are designed for multipurpose applications such as confocal laser scanning micro-copy, spectroscopy, digital imaging, metrology, industrial measurements, positioning, alignment, aiming, testing, code scanning, medical, basic research, education or entertainment.

Customized solutions for specific applications can be provided.

- Designed for long life, low noise and high stability

- Excellent beam quality and pointing stability

Options:
- OEM power supplies
- Laboratory power supplies
- Fiber coupling
- He-Ne tubes with Brewster windows for educational purposes
- Customized modifications

Model	λ [nm]	P [mW] TEM ⁰⁰		Beam Diameter [mm]	Operating Voltage [V]	Operating Current [mA]	Dimension $\varnothing \times L$ [mm]	Model	Dimension $\varnothing \times L$ [mm]	Power Supply			
	632.8	0.5		0.34	1050	2.8		LGR 7656*1	22.5 x 118.6	LGN 7466 A	LGN 7464		
▶ LGK 7650-2	632.8	0.5	polarized	0.49	1300	3.5	35 x 170	LGR 7650*1	25.25 x 146	LGN 7467 A	LGN 7465	SAN 7467 A	SAN 7467 AJ
▶ LGK 7655	632.8	0.6		0.49	1300	3.5	35 x 170	LGR 7655	25.25 x 146	LGN 7467 A	LGN 7465	SAN 7467 A	SAN 7467 AJ
▶ LGK 7655 S	632.8	1		0.49	1300	3.5	35 x 170	LGR 7655 S	25.25 x 146	LGN 7467 A	LGN 7465	SAN 7467 A	SAN 7467 AJ
▶ LGK 7608	632.8	1.5		0.63	1700	4.9	31.7 x 241.3	LGR 7608	22.6 x 213.3	LGN 7461 A	LGN 7463	SAN 7461 A	SAN 7461 AJ
▶ LGK 7610	632.8	2		0.63	1700	4.9	31.7 x 241.3	LGR 7610	22.6 x 213.3	LGN 7461 A	LGN 7463	SAN 7461 A	SAN 7461 AJ
▶ LGK 7610 H*1	632.8	2		0.63	1700	4.9	31.7 x 241.3	LGR 7610 H*2	30 x 255	LGN 7461 A	LGN 7463	SAN 7461 A	SAN 7461 AJ
▶ LGK 7672	632.8	2		0.75	1300	5.0	35 x 280	LGR 7621 S	30 x 255	LGN 7461 A	LGN 7463	SAN 7461 A	SAN 7461 AJ
▶ LGK 7634	632.8	2	polarized	0.75	1500	5.0	35 x 280	LGR 7634	30 x 255	LGN 7461 A	LGN 7463	SAN 7461 A	SAN 7461 AJ
▶ LGK 7627-8	632.8	5		0.8	2400	6.5	45 x 388	LGR 7627*3	36.5 x 350	LGN 7460 A	LGN 7462	SAN 7460 A	SAN 7460 AJ
▶ LGK 7628	632.8	5	polarized	0.8	2400	6.5	45 x 400	LGR 7628	36.5 x 350	LGN 7460 A	LGN 7462	SAN 7460 A	SAN 7460 AJ
▶ LGK 7621 MM	632.8	5	multimode	1.4	1650	6.5	35 x 280	LGR 7621 MM	30 x 255	LGN 7460 A1	SAN 7460 A1		
▶ LGK 7627 MM	632.8	10	multimode	0.7	3000	6.5	45 x 400	LGR 7627 MM	36.5 x 350	LGN 7460 A	LGN 7462	SAN 7460 A	SAN 7460 AJ
▶ LGK 7653-8	632.8	10		0.7	3000	6.5	45 x 505			LGN 7470 A4	SAN 7470 A4	SAN 7470 A4J	
▶ LGK 7654-8	632.8	10	polarized	0.7	3000	6.5	45 x 505			LGN 7470 A4	SAN 7470 A4	SAN 7470 A4J	
▶ LGK 7654-13	632.8	10	polarized	0.7	3000	6.5	44.25 x 490			LGN 7470 A3	SAN 7470 A3	SAN 7470 A3J	
▶ LGK 7665	632.8	15		1.0	3700	7.0	45 x 637			LGN 7470 A	SAN 7470 A	SAN 7470 AJ	
▶ LGK 7665 P	632.8	15	polarized	1.0	3700	7.0	45 x 637			LGN 7470 A	SAN 7470 A	SAN 7470 AJ	
▶ LGK 7665-18	632.8	18		1.0	3700	7.0	45 x 637			LGN 7470 A	SAN 7470 A	SAN 7470 AJ	
▶ LGK 7665 P18	632.8	18	polarized	1.0	3700	7.0	45 x 637			LGN 7470 A	SAN 7470 A	SAN 7470 AJ	
▶ LGK 7665-20	632.8	20		1.0	3700	7.0	45 x 637			LGN 7470 A	SAN 7470 A	SAN 7470 AJ	
▶ LGK 7512 P	594	2	polarized	0.79	2400	6.5	45 x 537			LGN 7460 A	LGN 7462	SAN 7460 A	SAN 7460 AJ
▶ LGK 7786 P50	543	0.5	polarized	0.85	2400	6.5	45 x 485			LGN 7460 A	LGN 7462	SAN 7460 A	SAN 7460 AJ
▶ LGK 7786 P75	543	0.75	polarized	0.85	2400	6.5	45 x 485			LGN 7460 A	LGN 7462	SAN 7460 A	SAN 7460 AJ
▶ LGK 7786 P100	543	1	polarized	0.85	2400	6.5	45 x 485			LGN 7460 A	LGN 7462	SAN 7460 A	SAN 7460 AJ
▶ LGK 7785-100	543	1		0.88	2800	6.5	45 x 537			LGN 7470 A4	SAN 7470 A4	SAN 7470 A4J	
▶ LGK 7785-150	543	1.5		0.88	2800	6.5	45 x 537			LGN 7470 A4	SAN 7470 A4	SAN 7470 A4J	
▶ LGK 7785-200	543	2		0.88	2800	6.5	45 x 537			LGN 7470 A4	SAN 7470 A4	SAN 7470 A4J	
▶ LGK 7785-250*2	543	1.5		0.88	2800	6.5	45 x 537			LGN 7470 A4	SAN 7470 A4	SAN 7470 A4J	

*1 With heater, *2 On request

All models availability and technical modifications reserved.

*1 Output at cathode side, *2 With heater, *3 Available with Brewster window termination
*More power supplies available see page "Additional OEM power supplies"

Availability and technical modifications reserved.

