https://web.archive.org/web/20151202062833/https://www.midwest-laser.com/Products/argon-lasers.html August 27, 2025
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2 Dec 2015 - 11 Oct 2024 2014 2015 2017 About this capture

Remanufactured Air-Cooled Argon and Argon/Krypton Lasers

Ar and Ar/Kr ion lasers have been work-horses for many applications over the past decades. We pride ourselves in being able to still provide the best reliable designs available. We can also refurbish many air-cooled ion lasers with new tubes utilizing either external mirrors or hard-sealed mirrors.



ILT 5500A 300mW Argon Laser



ILT 5490A 100mW Argon Laser
ILT5470K Ar/Kr mixed-gas Laser



ILT 5425 25mW Argon Laser

Model	5500A
Output Power	300 mW (all-lines)
Wavelength	457 to 514 nm
Spatial Mode	TEM_{00}
Beam Diameter	0.65 mm
Beam Divergence	0.95 mRad
Polarization	>100:1 linear
Power Required	220Vac
Base Price	$6,95.00

Model	5490A
Output Power	100 mW (all-lines)
Wavelength	457 to 514 nm
Spatial Mode	TEM_{00}
Beam Diameter	0.65 mm
Beam Divergence	0.95 mRad
Polarization	>100:1 linear
Power Required	115Vac
Base Price	$4,895.00

Model	5425A
Output Power	25 mW (all-lines)
Wavelength	457 to 514 nm
Spatial Mode	TEM_{00}
Beam Diameter	0.65 mm
Beam Divergence	0.95 mRad
Polarization	>100:1 linear
Power Required	115Vac
Base Price	$3,995.00

Each System Features:
- New tube
- Air-cooled
- Power up to 1/2 Watt (multi-mode)
- Light controlled output
- C.D.R.H. certified
- One year / 2,000 hour warranty

Model	5470K (Ar/Kr gas)
Output Power	15 mW (all-lines)
Wavelength	488, 568, 647 nm
Spatial Mode	TEM_{00}
Beam Diameter	0.65 mm
Beam Divergence	0.95 mRad
Polarization	>100:1 linear
Power Required	115Vac
Base Price	$5,985.00

Ion Laser Technology General Product Information

Tunable Littrow Prism (457nm to 514nm) available for the argon lasers.
Single line and multi-mode (higher power, but TEM01 mode) options also available.

Output power is specified as minimum power at end of warranty.

All of these lasers are completely re-manufactured to meet or exceed original OEM specifications.
Each laser is backed by our 100% performance guarantee for 1 year or 2,000 hours.
Contact us for further information and ordering.

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