

MADE IN AMERICA



APC

American Photonics

Infrared Optics

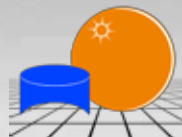
Solutions through technology.



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www.americanphotonics.com

Phone: (941) 752-5811

Why APC is a the best solution for CO₂ products:

American Photonics delivers a broad range of optics for CO₂ laser cutting systems. APC is your direct source for lenses and other consumables for a wide array of laser cutting machines. APC produces to OEM specifications including Amada, Bystronic, Cincinnati, Mazak, Mitsubishi and Trumpf.

Buying direct from the manufacturer means you receive over 70 years of manufacturing knowledge, state of the art technology, reliability and competitive pricing. APC provides solutions through technology to all of our customers.

Our Specialties

Systems Up To 5000 Watts - Through continuous improvement and investments in coating technology and production processes and systems, APC has achieved the lowest absorption rates in the market – lower than 0.17%. The absorption rate is a critical determinant of CO₂ laser lens life. Less absorption guarantees better performance with a stable focus point, better cutting quality and longer life time. We recommend this lens for laser systems up to 5000 watts.

Systems Over 5000 Watts - APC offers High Power coated lenses with absorption rates of less than 0.12% to provide the maximum focus stability. This coating lowers thermal distortion, allows for easier detection of thermally induced stress, and gives better cutting performance and a longer life time. We recommend these lenses for laser systems higher than 5000 watts. The High Power coated lens is ideal for customers who cut thick material (>15mm) or reflective material like aluminum, copper or brass.

APC is your best solution for your needs in the CO₂ laser optics, delivering an unbeatable combination of technology, innovation and quality.

APC gives solutions through technology to CO₂ laser replacement products.

Reasons to Buy from APC

- Longer lasting lenses with superior cutting performance
- Made in the USA
- Extensive stock of standard optics and parts
- Over 70 years of manufacturing knowledge
- Special terms for blanket orders
- Used material credit available for ZnSe lenses
- All production and coating done in house
- State of the art coating machines
- Custom design assistance available
- Cavity optics

For more information regarding APC's infrared laser optics solutions, products for high power systems, please contact our sales team.

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