

MP-5[®] HIGH-POWER CO₂ LASER LENSES



If you're operating today's high-power CO₂ lasers, and you're concerned about focusing lens life, thermal distortion, and focus shift, II-VI has the perfect lens for you.

The MP-5 is a specially-coated zinc selenide (ZnSe) focusing lens designed for continuous CO₂ laser output of 4 KW or more. MP-5 lenses are completely compatible with standard lens mounting hardware on a wide variety of laser processing systems from a wide variety of OEMs.

Although designed specifically for high-power CO₂ lasers operating at 10.6 microns, MP-5 lenses also transmit visible laser light used for beam alignment, safe operation, and cut and weld monitoring.

Specifications for MP-5 lenses are as follows:

- **total absorption:** $\leq 0.15\%$
- **surface quality:** scratch-dig $\leq 40/20$

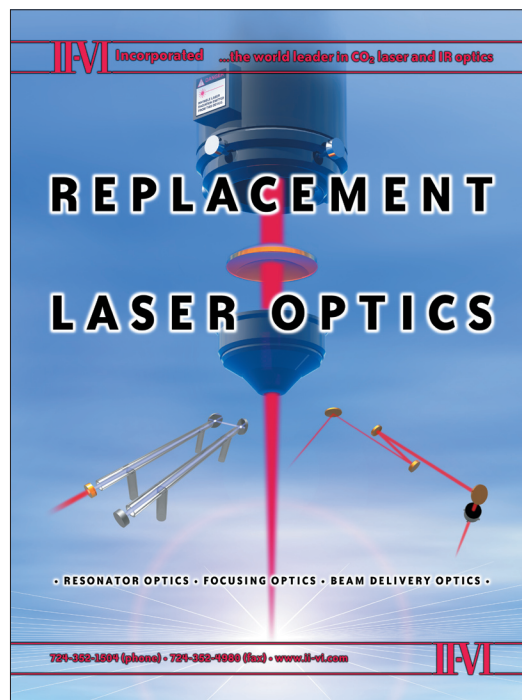
Tolerances for MP-5 lenses are as follows:

- **diameter:** $+0.000''/-0.005''$
- **thickness:** $\pm 0.010''$
- **edge thickness variation:** $< 0.002''$
- **clear aperture:** 90% of lens diameter

MP-5 is a registered trademark of Laser Power Corporation.

OTHER II-VI CO₂ LASER CONSUMABLES INCLUDE:

From precision ZnSe focusing lenses to Cu parabolics, trust our wide selection of quality replacement laser optics to keep your laser running 24/7.



The name you trust for precision laser optics now offers nozzles and other CO₂ laser accessories. Let II-VI be the one-stop shop for all of your laser needs.



CONTACT II-VI AND REQUEST A FREE CATALOG TODAY