

optoSiC® XY10G

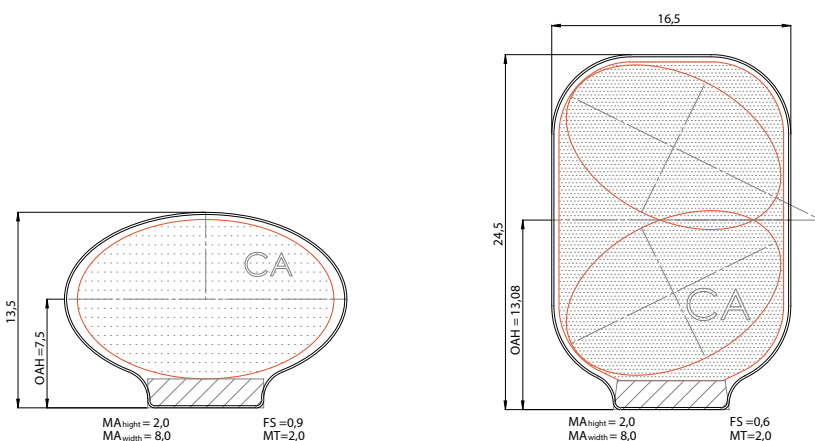
SIC OPTICS FOR HIGH-END LASER PROCESSES - INNOVATIVE LASER GALVO SCANNING MIRRORS MADE OF SILICON CARBIDE.



MIRROR SPECS

	X10G	Y10G
Mass (g)	1,21	1,64
Moment of Inertia [Mol] (g*cm²)	0,22	0,21
Angle of Incidence [AOI] (°)	45,0	37,5
Mechanical Scan Angle (°)	+- 10°	
Resonant Frequency (kHz)	47,3	25,7
Dynamic Flatness (pm/(rad/s²))	0,1	0,4
Reflected Wavefront Error [RWE]	1/8 λ PV @ 632,8nm within CA	
Typical Coatings Wavelengths* (nm)	355nm, 532nm, 1064nm, 1080nm, Gold, Silver, CO ₂	
Available Mounts*	Shaft size: 3mm, 5mm	

*Custom coatings and mounts available on request.



Technical details on request.

- Low moment of inertia
- High resonance frequency
- Customized coating service
- Mounting solutions

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