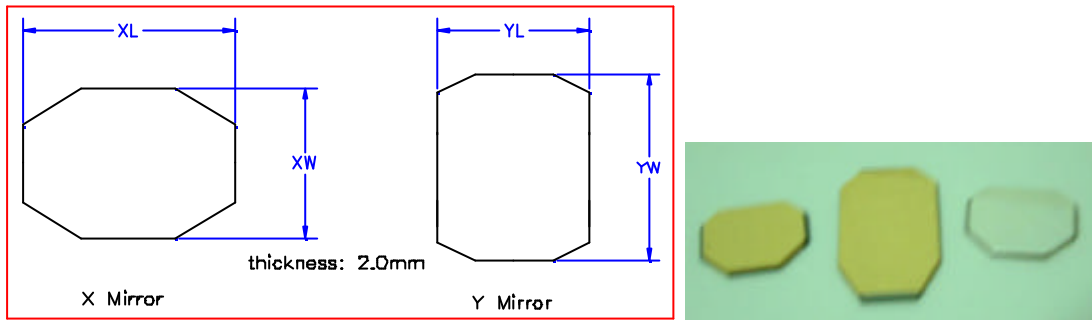


Scan Mirrors

The scan mirrors are rectangular mirror of light weight. They are to be used for high speed two-axis laser scanning system. The dimensions of each mirror have been calculated to allow for scanning of a laser beam with no beam spill over at the extremis of scan. The mirrors have high reflectivities of 99.7% or above and so may be safe at high powers.



Gold-coated Scan Mirrors (10.6mm, CO2 laser)

P/N	XL (mm)	XW (mm)	YL (mm)	YW (mm)
SM-CO2-X	21	16		
SM-CO2-Y			18.8	32

Dielectric-coated Scan Mirrors (1064nm, Nd:YAG laser)

P/N	XL (mm)	XW (mm)	YL (mm)	YW (mm)
SM-YAG-X	21	16		
SM-YAG-Y			18.8	32

Silver-coated Scan Mirrors (1064nm & 532nm, Nd:YAG laser)

P/N	XL (mm)	XW (mm)	YL (mm)	YW (mm)
SM-YAG2-X	21	16		
SM-YAG2-Y			18.8	32

The thickness of the mirrors are 2mm.

Customized scan mirrors (various wavelengths and dimensions) are available on request.