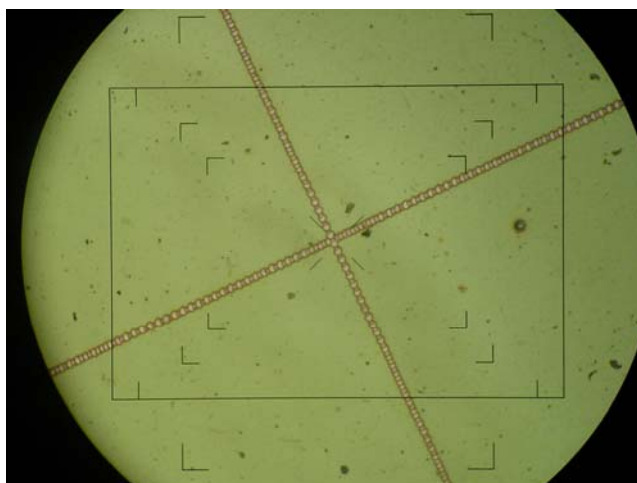
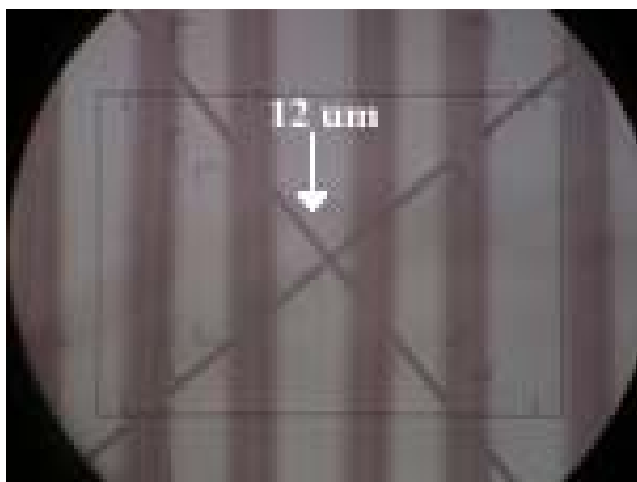


355 nm DPSS LASER ITO REMOVAL



Indium-Tin Oxide (ITO) removal and patterning on glass and plastic is a rapidly growing application for DPSS 355 nm lasers.

The Model 3510-100 laser system, operating at 100 kHz with an output of 1W, has already been qualified by several major materials manufacturers as the leading candidate in pattern accuracy and feature size.

ITO patterning with the DPSS UV laser offers several advantages over the conventional IR laser approach, such as smaller line widths for greater pattern accuracy and virtually no damage to the substrate material due to the short UV wavelength.

The quasi-CW repetition rates of the Series 3500 laser system enhances the process quality and increases process throughput.

Laser Model	Average Power	Rep Rate	Scan Rate
3510-100	1 Watt @ 355 nm	100 kHz	50-1500 mm/sec