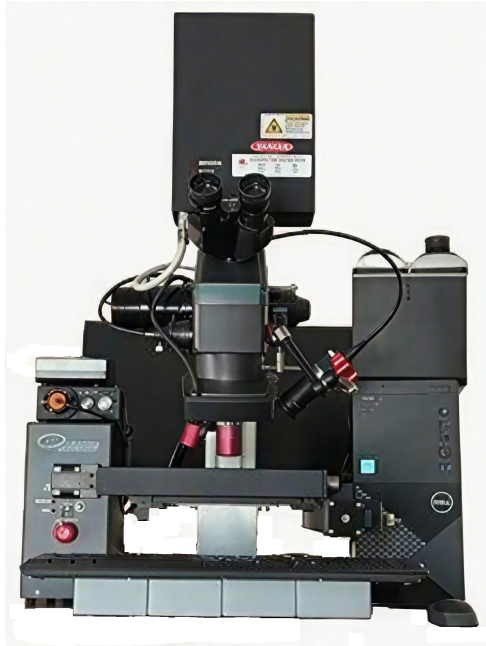


AutolazeQC



The AutolazeQC is a versatile laser micromachining system suitable for machining most metals and dielectrics as well as many plastics and ceramics

- 532/355nm or 1064/532nm selectable, air cooled solid state Nd:YAG laser
- Ns pulsed laser with repetition rate from single shot to 50Hz
- Spot sizes as small as 1 micron
- Up to 200mm stage range in X and Y with 1 micron resolution
- Up to 50mm motorized Z-axis range
- Adjustable microscope mount to accommodate samples as thick as 200mm
- Compact design (500mm W X 600mm D X 760mm H; approximately 42kg)

AutolazeQC software control for full functionality

- Control of firing modes (single shot, burst, continuous), as well as spot size selection and pulse energy
- Micron scale motion control in X, Y, and Z through application software and via joystick
- Camera settings and lighting controls with customizable lighting presets
- Off axis large field of view camera for simple sample navigation
- Drawing tools include spots, lines, curves and text
- Importation of .dxf files for user defined patterns

