

MICROMACHINING TOOL - MM6500 GENERAL

Improve performance, increase yield, reduce manufacturing costs

Machine tools built from standard optical, mechanical and enclosure modules, with dedicated tooling, material handling, inspection and control

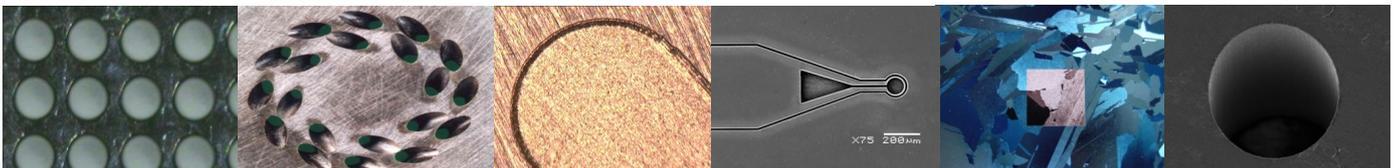
The MM6500 is a standardised, rugged industrial platform for precision laser processing, micromachining and inspection. The standard design keeps engineering costs and lead-times to a minimum and the internal workspace can be tailored to deliver a fully integrated, stand-alone laser tool for a variety of applications, from R&D through to full-scale 24/7 manufacturing.

Compatible with a range of laser types and beam delivery options, it provides a convenient workhorse for processing metals, ceramics, polymers, composites and glasses.



FEATURES

- Rugged construction for stable operation
- Large internal envelope to accommodate dedicated part handling
- Compatible with a range of industrial laser sources
- Intuitive and user friendly interface, tailored to your specific needs
- Motion control and optical scanning systems, tailored to the specific requirements
- Digital vision system for process control options
- Software options for process control
- Extract system
- Fully integrated for standalone “turn-key” operation



SPECIFICATIONS	MICROMACHINING TOOL - MM6500 - GENERAL
Electrical Supply	20A, single phase (typical)
Extract	HEPA filtered
Size (WxDxH) (mm)	2000 x 1300 x 1800
Weight (kg)	500 (varies according to hardware)
Communications	PC remote control via internet
Laser	Matched to application ns, ps or fs pulsed, Visible to UV options
Motion	Matched to application CNC stages, Galvo Scanning. Trepanning options

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