

Laser Micro Marker



Applications:

- Marking of glass, crystals, ceramics, metals, plastic surfaces
- Micro-drilling of glass, crystals, metal, plastics

Functional Specifications:

- designed to be integrated with imaging systems
- single pulse marking capabilities
- single and multiple pulse micro-drilling capabilities

Performance Specifications:

- marking spot size > 1 micron
- micro-drilling of substrates with thickness of up to 1mm
- drilling diameter > 1.5 microns

Laser Specifications:

- wavelength: 532nm
- pulse repetition rate: 1KHz
- average power: 50mW
- pulse length: 0.5ns
- polarisation ratio: > 100:1

Electrical Specifications:

- operating voltage (VAC): 100 – 230V
- power consumption: < 100W

Operational Environment:

- temperature range: 20C to 35C

Interfaces:

- USB
- external trigger, TTL, rising edge
