



Accu-Lase V200

AUTOMATED UV LASER PROCESSING SYSTEM

The Accu-Lase V200 Automated UV Laser Processing System is the first SYNEO laser processing system ever developed. The V200 allows for greater process capability in precision tube cutting of polyimide tubing and complex hole making, as well as polymer marking. The V200 is a fully-automated laser micromachining system, allowing the operator to batch load parts, which are singularly picked up and fed by a vacuum pickhead. The UV laser utilizes a 355-nanometer wavelength, which is optimal for polyimide processing. The V200 is a safe, low-maintenance design, and has the same clean look that SYNEO machines are known for.



KEY FEATURES

- UV laser - optimal for laser micromachining and laser cutting of polyimide parts
- Automatic mandrel insertion for tubing provides quality and helps protect opposite wall
- Precision handling of parts for repeatable features
- Vision system allows for easy viewing of the process
- Capable of complex shapes, marking and cutoff of polymers and metals
- Automatic feed from batch loading

SPECIFICATIONS

OD handling: 0.012-0.150" (.304mm-3.81mm)
Input length handling: 5-72" (12.7cm-182.88cm)
Marking Speed: 0.196"-39.370" (5-1000mm/second)
Wavelength: 355nm

COMMONLY PROCESSED MATERIALS

Marking

- Plastic stick tubing
- Nitinol and stainless steel wires
- Coils
- Silicone

Micromachining

Polyimide
Pebax®



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