

MARKING LASER TL 400

THE INDUSTRIAL ANSWER TO YOUR TRACEABILITY AND IDENTIFICATION REQUIREMENTS

QUALITY, SPEED AND ACCURACY



Medical goods

Integrated on the production line or as independent workstation, TL400 meets your needs for traceability on metals and plastics. Its user-friendly programming makes it the best suited tool for product identification, whatever the batchsize and product range.

A PERMANENT MARK



Tools, mechanical and gold/silver plate



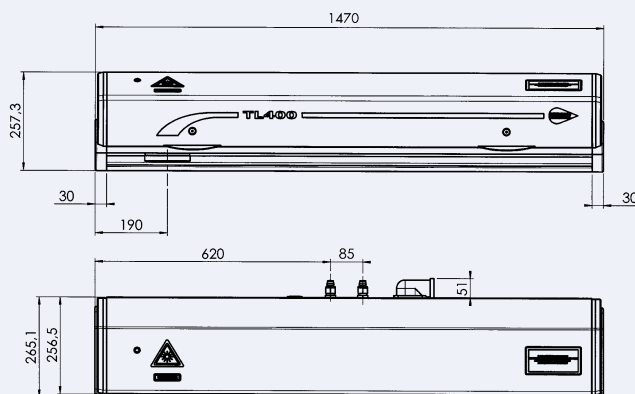
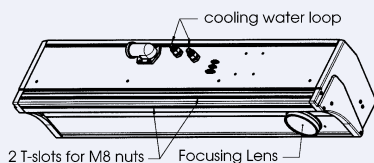
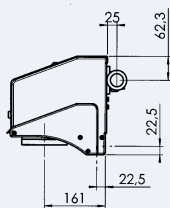
A FLEXIBLE SOLUTION



Identification plates



A MARK WHICH DEFIES TIME



Specifications and performances

- Nd: YAG laser source
- Wavelength: 1064 nm (IR)
- Average power: 80 W (MM)/15 W (TEM₀₀)
- Adjustable repetition rate: 0.5 to 50 kHz
- Marking area: Ø100 to Ø400 mm
- Working distance: 100 to 500 mm
- Resolution up to 5 µm

Physical characteristics

- Laser bench (LxWxH): 1470x265x257 (35 kg)
- Power unit (LxWxH): 600x440x220 (38 kg)
- Water to water exchanger (LxWxH): 550x700x700 (70 kg)

Environment

- Electrical: 230-400V/3 P/16 A
- Required power < 5 kW
- Cooling water: 10 ltr/mn at 19°C

Protection

- Integrable configuration: Class IV (EN 60825-1)
- Optional Class I Health and Safety (workstation)

Programming

- Serial link RS232
- Technifor T700 software, multilingual, graphics interface
- PLC programming
- Independent mode (no PC required)

Marking possibilities

- Traceability functions (date, time, serial numbering, shifts, etc.)
- Linear, angular, radial, inverted marking...
- Logo marking (HPGL format)

Options

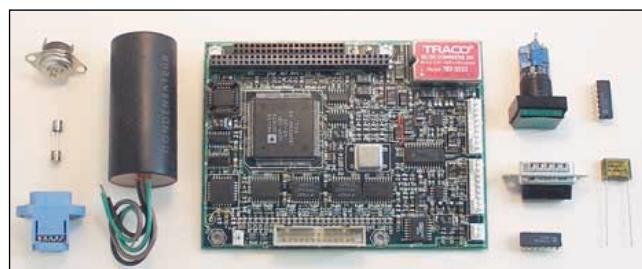
- Red positionning beam
- Closed loop cooling with chiller
- 3rd axis (rotating device)



Marking on plastics



Advertising products and gifts



Electronics and electrical components



A MARK WHICH DEFIES TIME

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