



DAPRA® 500d

CLASS 1 PULSED FIBER MARKING LASER



COMPACT

Turnkey all-in-one workstations

FLEXIBLE

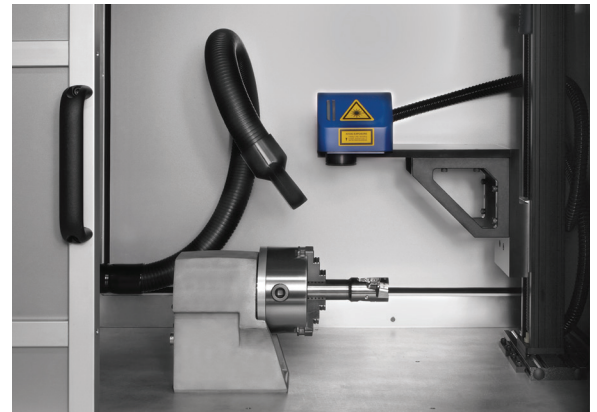
4-axis marking capability

USER FRIENDLY

Easy-to-use software

500d LASER WORKSTATIONS INCLUDE:

- Manual Z-axis
- Compact controls
- Marking head with focus finder
- Sliding door with interlock
- Viewing window
- Start/stop buttons
- Interlocked rear panel
- Powerful laser software suite:
 - Serialization
 - Date coding
 - Import logos and graphics
 - Create linear, angular and radial text
 - Data Matrix codes
 - UID and UDI syntax
 - QR codes
 - Linear barcodes



OPTIONS:

- Rotary D-axis for marking round parts
- Industrial fume extractors
- Programmable Z-axis
- 2D, UID and 1D barcode readers and verifiers
- Power door
- Side access panel for marking long components
- Freestanding cabinets available



DAPRA® EQ1

LASER SOURCE SPECIFICATIONS

LASER	Nominal Power	Frequency (Modulation)	Laser Source	Pulse Width	Wavelength	Cooling	Aiming & Focus Beam	Operating Temperature	Interface
EQ1-10DF	10 W	20 - 100 kHz	Fiber	100 ns	1050 - 1080 nm	Air	635 - 670 nm	41° - 122° F	Ethernet, RS232, USB, digital I/O
EQ1-20DF	20 W	20 - 100 kHz	Fiber	100 ns	1050 - 1080 nm	Air	635 - 670 nm	41° - 122° F	Ethernet, RS232, USB, digital I/O
EQ1-30DF	30 W	30 - 100 kHz	Fiber	100 ns	1050 - 1080 nm	Air	635 - 670 nm	41° - 104° F	Ethernet, RS232, USB, digital I/O
EQ1-50DF	50 W	50 - 200 kHz	Fiber	100 ns	1050 - 1080 nm	Air	635 - 670 nm	41° - 95° F	Ethernet, RS232, USB, digital I/O
EQ1-20DFM	20 W	20 - 500 kHz	Fiber	4 - 250 ns selectable	1050 - 1080 nm	Air	635 - 670 nm	41° - 104° F	Ethernet, RS232, USB, digital I/O
EQ1-10DD	10 W	10 - 100 kHz	DPSS	15 ns	1064 nm	Air	635 - 670 nm	41° - 104° F	Ethernet, RS232, USB
EQ1-20DD	20 W	20 - 200 kHz	DPSS	8 ns	1064 nm	Air	635 - 670 nm	41° - 104° F	Ethernet, RS232, USB
EQ1-10DG	10 W	20 - 100 kHz	DPSS	10 ns	532 nm	Air	635 - 670 nm	41° - 95° F	Ethernet, RS232, USB
EQ1-3DU	3 W	20 - 80 kHz	DPSS	8 ns	355 nm	Air	635 - 670 nm	41° - 95° F	Ethernet, RS232, USB

LENS CONFIGURATIONS FOR ALL EQ1 FIBER LASERS:

F-Theta 160S

Marking area: 100 x 100 mm
Working distance: 183 mm

F-Theta 254S

Marking area: 140 x 140 mm
Working distance: 280 mm

F-Theta 330L

Marking area: 210 x 210 mm
Working distance: 388 mm
NOT available for EQ1-10DD

ALSO AVAILABLE:

CLASS 4 SOLUTIONS

- Mark both small parts or large parts without the limitations of a cabinet
- Manual or programmable Z-axis
- Rotary options
- Custom configurations
- Laser barriers

Eyewear and other safety restrictions required.

