DAPRA® DATAMARK

FIBER LASER MARKERS

Economical, reliable laser markers with user-friendly software

CLASS 1
Safety enclosure

CLASS 4
Open-style

FL SERIES FIBER LASER MARKING SYSTEMS:

- Power offerings: 20, 30 or 50-watt lasers powerful enough for deep engraving and faster marking
- Choice of Class 1 safety enclosure sizes and Class 4 open-style configurations for desktop marking
- Powerful, intuitive marking software supports text, logos, graphics, barcodes, serialization, date codes, Data Matrix codes, and more – included with every system
- Optional rotary D-axis for marking round parts, industrial fume extractors, programmable Z-axis, and more
- Lens options: 4.33” x 4.33” or 6.9” x 6.9” marking window
- Great for machined parts, firearm components, deep laser engraving, identification plates and much more
- Economical solutions for high-speed, precision laser marking and engraving of metals, alloys and many plastics
- Onsite consultation, installation, training, and free lifetime technical support

DAPRA laser solutions with American-made components are also available.

DATAMARK FL SERIES LASER SOURCE SPECIFICATIONS

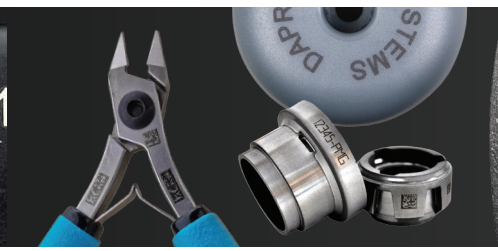
LASER	Nominal Power	Laser Source	Frequency (Modulation)	Pulse Width	Wavelength	Cooling	Interface
FL-20	20 Watts	Q-switched	20 - 80 kHz	80 - 140 ns	1050 - 1070 nm	Air	USB 2.0, IN/OUT
FL-20 MOPA	20 Watts	MOPA	For pulse width 2 - 40 ns: 1 - 2000 kHz For pulse width 50 - 80 ns: 1 - 1000 kHz For pulse width 100 - 200 ns: 1 - 400 kHz	2 - 40 ns 50 - 80 ns 100 - 200 ns	1050 - 1070 nm	Air	USB 2.0, IN/OUT
FL-30	30 Watts	Q-switched	30 - 60 kHz	80 - 140 ns	1050 - 1070 nm	Air	USB 2.0, IN/OUT
FL-50	50 Watts	Q-switched	50 - 80 kHz	80 - 140 ns	1050 - 1070 nm	Air	USB 2.0, IN/OUT

LENS CONFIGURATIONS:

Lens	Marking Window	Max. Part Height
160	4.33" x 4.33" (110 x 110 mm)	12.85"
254	6.9" x 6.9" (175 x 175 mm)	8.75"

CLASS 1 CABINET OPTIONS:

Cabinet	Dimensions
200i	18" wide x 20" deep x 17" high
300i	25" wide x 26" deep x 36" high
400i	36" wide x 30" deep x 40" high
Custom	Manufactured to your specifications




DAPRA®
MARKING SYSTEMS

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