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LM-F100A - Single and Multi Mode Fiber Laser Markers: 10 100W (formerly known as LMF)

The LM-F100A is particularly suited for high-speed laser marking, laser engraving, laser etching, laser ablation and laser annealing resulting in high contrast marks on plastics, metals and other materials. It may also be used for laser deep engraving, laser foaming and laser bleaching. User-configurable options and unique features enable these fiber laser markers to be tailored for optimised production.

Key Features LM-F100A - Single and Multi Mode Fiber Laser Markers: 10 100W

- 10-70 W fiber laser markers
- High-power, high-speed laser marking system for metals, plastics and ceramics
- Excellent contrast and crispness of annealed and engraved marks
- Air-cooled, sealed industrial package designed for operation in harsh environments
- Powerful control software with industry standard Windows® based programming
- Multiple integration options to match application needs
- Complies with IEC13849-1 category 3 PLd safety circuitry with proper integration
- Optional Marker Motion™ unit comes with integrated stage controllers for up to 4 axes

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Specifications LM-F100A - Single and Multi Mode Fiber Laser Markers: 10 100W (formerly known as LMF)

Parameter	
Pump source	Laser diode
AC power	Single Phase, 90-130 VAC/180-260 VAC, 50/60 Hz, 10 A
Environment Temperature	15°- 35° C (59°-95° F)
Environment Humidity	Less than 90% RH (non-condensing)
Cooling	Air cooled
WEIGHT & DIMENSIONS	
Dimensions Controller	670.9 mm x 431.8 mm x 186.1 mm (26.4 in x 17.0 in x 7.3 in)
Weight Controller	27.7 kg (61 lbs)
Dimensions Microhead	215.6 mm x 77 mm x 107.2 mm (8.49 in x 3.03 in x 4.22 in)
Weight Microhead	3.8 kg (8.4 lbs)

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Product applications LM-F100A - Single and Multi Mode Fiber Laser Markers: 10 100W (formerly known as LMF)

Corrosion resistant marking for medical tools & instruments

Implantable medical devices

Metal engraving for automotive and UDI applications

Electrical components

Plastic housings

Cutting of thin metals

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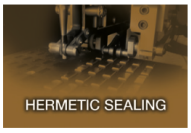
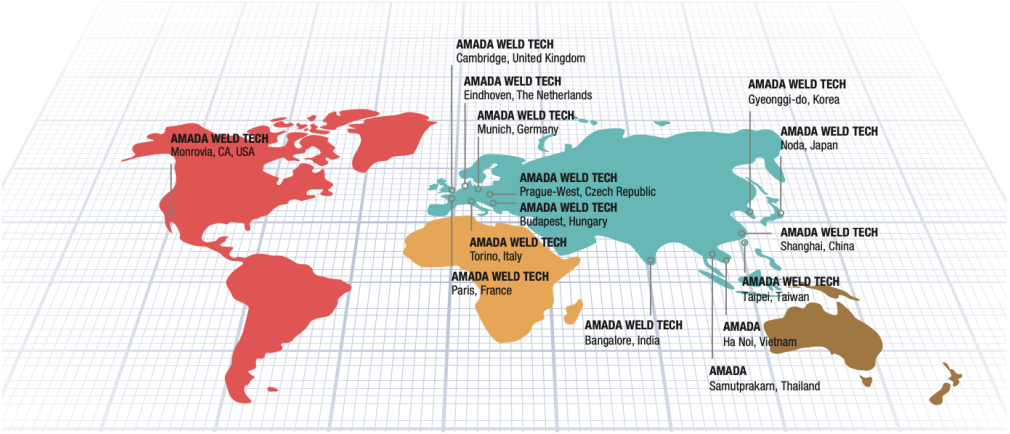
OUR TECHNOLOGIES



OUR SALES OFFICES



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