

Laser Marking Systems















PULSED FIBER LASERS —

SF Series Laser Marking Systems

SF Series Lasers is the latest genaration of Q-Switched ytterbium Fiber Lasers specially designed for widest marking aplications with average prower levels from 20 W to 50 W. These lasers 2 parts which are head and controller. High power laser beam is delivered via fiber optic cable from controller to head. The head and controller designed to work without problem industrial circumstances which has dust and vibration. SF series lasers has air cooled robust design that provides small or modular for ease of integration production lines.

STANDARD LENS CONFIGURATIONS FOCAL LENGTH MARKING FIELD

163mm	120 mm x 120 mm
254mm	200 mm x 200 mm
350mm	250 mm x 250 mm
420mm	300 mm x 300 mm

LASER MARKER SPECIFICATIONS

Compliance	1
Optical IsolatorStandard	
PositioningVisible Red Diode Light	
Mounting Weight 8kg	
Marking Head Dimensions51.0 (L) x 13.8 (W) x 11.5 cm (H))
SF Controller Dimensions46 (W) x 15 (H) x 50 cm(D)	
SF Controller Weight	
Laser Marking Head Cable2m	
Input Power (Selectable)100-240V AC, 50 Hz	
Maximum Power Consumption FQ50 Less than 400W	
Maximum Power Consumption FQ30 Less than 280W	
Maximum Power Consumption FQ20 Less than 250W	
CoolingAir Cooled, Fan/Filter	
(no water cooling required)	
Operating Temperature Range15° to 35°C	
Humidity10% to 85% Non-condensing	









APPLICATIONS



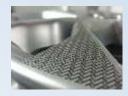
Tracebility of automotive parts



Plastic parts marking



Steel parts marking



Aluminum wheel marking



Mould parts marking



Rubber mold marking



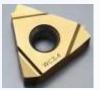
Bronze parts marking



Medical parts marking



Colourful marking on stainless steel



Carbide insert marking



Engraved marking



Deep marking on aluminum and bronze

OPTIONS



Rotary device for cylindrical parts



Barcode reader for marking



Programmable Z axis and Focus Finder



Custom colours for enclosures



Mark on the fly on production line



Servo Rotary Table



Robotic load/unload systems



HEAD QUARTERS

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