

FIBER LASER MACHINES

PRECISION | PERFORMANCE | RELIABILITY



1 FIBER WELDING MACHINE

- High Welding Quality
- Stable Performance
- Easy Operation
- Wide Range Application



2 FIBER JEWELLERY MACHINE

- High Precision Marking
- Smooth & Fine Results
- Perfect for Jewelry
- Compact & Efficient



3 DESKTOP FIBER MACHINE

- Compact Desktop Design
- Easy to Use
- High Marking Speed
- Low Maintenance



4 FIBER MARKING MACHINE

- High Precision Marking
- Fast & Durable Marking
- Supports Multiple Materials
- Industrial Grade Performance

MACHINE ACCESSORIES



SAFETY GOGGLES



POSITIONING TABLE



FOOT SWITCH



TOOL KIT



USB CABLE



USER MANUAL



HIGH PRECISION MARKING



RUGGED DESIGN BUILT TO LAST



EASY OPERATION LOW MAINTENANCE



RELIABLE SUPPORT WORLDWIDE

INFITEK FIBER MACHINE

FIBER MARKING MACHINE INSIDE VIEW

High Precision | High Speed | Reliable Performance



Galvanometer Scanner

F-Theta Lens

Marking Workbench

Control System

Fiber Laser Source

Power Supply Unit



GALVANOMETER SCANNER



F-THETA LENS



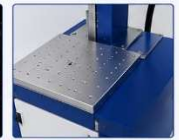
CONTROL SYSTEM



FIBER LASER SOURCE



POWER SUPPLY UNIT



MARKING WORKBENCH

D-410, FOURTH FLOOR, SP, SQUARE, NR RAMOL POLICE STATION, AHMEDABAD - 382449.

E-MAIL: sales@infiteklaser.com web: www.infiteklaser.com

Contact: +91 8140300050, 8511534914

SPECIFICATION	MODEL
	INFITEK_FFIBER LASER MACHINE
LASER WAVELENGTH	1064NM
MARKING AREA	110MMX110MM 150MMX150MM 200MMX200MM
LASER POWER	20W,30W,50W
LASER DEVICE	MAX
MARKING DEPTH	0.05 ~ 0.5MM
MIN.LINE WIDTH	0.01MM (0.0004")
M2/ BEAM QUALITYM2	<1.2
MIN. LETTER	0.2MM (0.008")
POWER SUPPLY	220V / 50Hz / 1KVA
MINIMUM LETTER SIZE	1.0 mm (ENGLISH LETTER)
POWER ADJUSTMENT	1 TO 100 %
MARKING LINE SPEED	7000 MM/S
COOLING METHOD	AIR COOLING
SUPPORTED MATERIAL	Aluminum, MS, BRASS, SS
LEAD TIME	7-10 DAYS
WARRANTY	ONE YEAR

❖ Machine By Machine Engraving Depth Capability

20W ENGRAVING DEPTH CAPABILITY	
Depth Depends on material, speed, frequency & number of passes	
MATERIAL	APPROX DEPTH
STAINLESS STEEL	0.02mm-0.15mm
BRASS / COPPER	0.02mm-0.15mm
ALUMINIUM	0.03-mm-0.20mm
MILD STEEL	0.03-mm-0.20mm
Note : For Deeper engraving, slow speed high power & multiple passes are recommended	

30W ENGRAVING DEPTH CAPABILITY	
Depth Depends on material, speed, frequency & number of passes	
MATERIAL	APPROX DEPTH
STAINLESS STEEL	0.05mm-0.30mm
BRASS / COPPER	0.05mm-0.30mm
ALUMINIUM	0.10-mm-0.50mm
MILD STEEL	0.10-mm-0.50mm
Note : For Deeper engraving, slow speed high power & multiple passes are recommended	

50W ENGRAVING DEPTH CAPABILITY	
Depth Depends on material, speed, frequency & number of passes	
MATERIAL	APPROX DEPTH
STAINLESS STEEL	0.1mm-0.5mm
BRASS / COPPER	0.1mm-0.5mm
ALUMINIUM	0.2-mm-0.8mm+
MILD STEEL	0.2-mm-0.8mm+
Note : For Deeper engraving, slow speed high power & multiple passes are recommended	



D-410, FOURTH FLOOR, SP, SQUARE, NR RAMOL POLICE STATION, AHMEDABAD - 382449.

E-MAIL: sales@infiteklaser.com web: www.infiteklaser.com

Contact: +91 8140300050, 8511534914