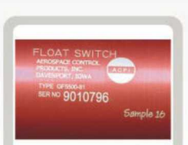
MEHTA®

ETAN

Fiber Laser Marking Machine

ETAN-12/20/25/30



Features

- First and last pulse equally useable
- Bitmap marking compatible
- High repeatability/stability design
- Status monitoring and safe shut down
- High speed marking (MHz repetition rate)
- Long using time : the average using time more than 100000 hours.
- Good Stability and free maintenance : No need to Maintenance for laser device.
- High quality gray scale marking.

ETAN laser provides a fast, flexible and efficient way to permanently mark a wide variety of materials such as Metals, Plastics, Ceramics and Silicon.

ISO 9001:2008

Authoritative supplier of Industrial Laser Solutions

Fiber Laser Source

Highlights

- High Marking speed
- Perfect beam quality
- Very compact
- Low consumption
- Maintenance free

Advantages

- Fiber lasers are up to ten times more energy efficient than traditional YAG or CO2 laser systems. Consuming little to no energy when not active, the annual energy savings can attract government grant funded energy efficiency programs for industry.
- Fiber lasers have no optics to adjust or align, and no lamps to replace. Maintenance is minimal and so utilization and up-times are maximized. The lasers really are designed as shop floor industrial tools.

Application

- Auto parts
- Packaging
- Hardware
- Solar Industry
- Watch & Clock
- Medical Device
- Marking anodized & painted materials
- Marking Metal & Plastics
- Serial Numbers
- Date Codes
- Manufactures Information
- Materials Flow
- Barcodes
- 2D Data Matrix
- Logos
- Graphics

Specifications

Model	ETAN-12	ETAN-20	ETAN-25	ETAN-30
Average Output Power	12 W	20 W	25 W	30 W
Wavelength	1064 nm			
Output Power Stability (Typical)	5%		2%	
Power Adjusting Range	1 ~ 100%			
Resolution Frequency	25-100 kHz		30-500 kHz	
Beam Quality (M^2)	< 2		< 3	
Max. Linear Speed	7000 mm / s			
Marking Depth	0.01 ~ 0.5 mm [Material Depended]		0.01 ~ 0.1 mm [Material Depended]	
Red Alignment Laser	Yes			
Min. Line Width	0.03 mm			
Marking Area	145 x 145 [Standard] 175 x 175 / 300 x 300 [Optional]			
Anti High-Reflect	With Optic Isolator			
Min. Character Height	0.2 mm			
Repetition Accuracy	0.2μm			
Marking Format	Figure, Characters, Barcode, Data Matrix, Data, Order of Runs, Lot Number, Serial Number, File Chaining			
Marking Character Type	Support PLT, DXF, BMP File etc., Using SHX TTF Character Storage Directly			
Cooling System	Air Cooling System			
Ambient Temperature Range	0° C Top + 45° C			
Marking Method	Static or Flying Marking			
Power Supply	220V / 50Hz			

Specifications are subject to change without notice.

Invisible laser radiation avoid eye or skin exposure to direct or scattered radiation.

MEHTA®

www.mehtaindia.com

Manufactured & Marketed by:

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