LASER TECH

SYSTEMS AND SOLUTIONS

SERVICE BEFORE SALES

QuickMark Series

UV Laser Marking Machine

COMPANY PROFILE:

Laser Tech Systems and Solutions was founded by Mr. Rajiv Kumar with a group of Technocrats in 2021, with the idea of creating a large umbrella organization to assist and serve the growing Indian Laser Industry and to help the market with its years of experience in the field of Lasers and its applications.

We represent many global manufactures, covering a wide range of solutions Laser Marking, Laser Welding, 2D Laser Cutting, 3D Laser Cutting, Laser Cladding, Laser Hardening. Our Laser Solutions can process a wide range of materials like Metal, Paper, Acrylic, Wood, Textile, Leather, Plastic and many more.

Our main aim is to serve our customers with cost effective and innovative solutions with our utmost know how of Applications and help them to fulfill their objectives.

Our aim is to provide the best solutions to all our customers with best systems and economical prices. We believe in **SERVICE BEFORE SALES**...We provide industrial solutions for Laser for Metals, non-metal laser cutting/engraving machines, Galvo based solutions, Laser Marking, Laser welding, 2D laser cutting, 3D laser cutting, Laser cladding etc.

LTSS Service and Support:

Laser Tech Systems and Solutions supports installation, commissioning, and training for its customers. Dedicated Laser Systems available for in-house demonstration, applications and software training. Specialized engineers are available to provide online and telephonic support.

We proudly say that because of our team's dedicated efforts and our motto " SERVICE BEFORE SALES" we have a chain of happy customers related to various industries using our Laser machines in India.

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QuickMark UV Laser

UV Laser Marking is an versatile & clean method to do surface marking, & the wavelength is suitable for most of the surfaces in metal &non-metal segment. The beauty of UV laser is small characters, online high speed marking & smooth marking on surface. The compact machine, is easy to integrate with line process & can mark with speed suitable for cable marking, bottle cap marking, marking on plastics & automotive panels.

Features of UV Laser :

1. High laser beam quality, tiny light spot, hyperfine marking, & the inimum character can up to 0.2mm.
2. 355nm outgoing wavelength reduces the thermal effect on the work piece; the heat affected zone will not bring about heat effect, material no deforming or burning.
3. Automatic lifting, auto focusing, and rotating functions are optional.
4. Faster, better efficiency, high-precision.
5. No consumable material needed, and the low use and maintenance cost.
6. Stable performance ensures long-time running.

Applicable Industry of UV Laser :

UV laser marking machine is mainly applied to internal or surface engraving on plastic, glass, crystal products, such as mobile phone screen, LED, optical device, auto glass, etc.. Also it is applied to the processing of most metal and non-metallic materials, Such as hardware, ceramic, glasses and clocks, PC, electronic components, etc..

TECHNICAL SPECIFICATIONS OF UV LASER:

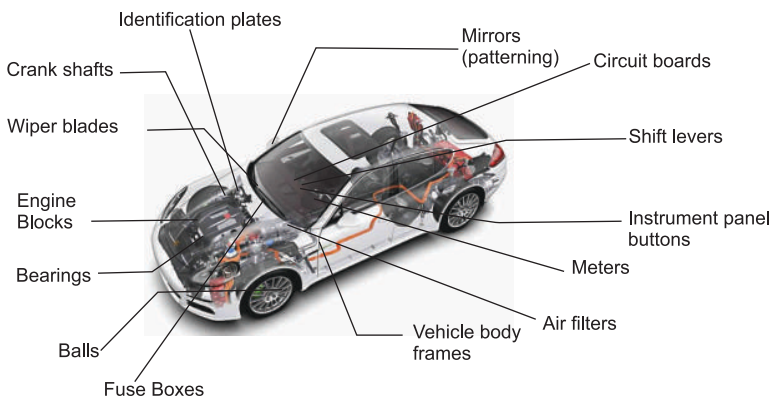
MODEL	QuickMark UV
Laser power	3w,5w,7w,10w
Laser repeating frequency	20HKz to 100HKz
Marking line speed	8000mm/s
The standard marking range	110mm*110mm
Minimum characters	0.1mm
Repeat accuracy	+/-0.003mm
Minimum line width	0.01mm
Laser module life	20,000 hours
Laser wavelength	355nm
Cooling	Water cooling
Focus lens	110*110mm

Laser Marking/Engraving have wide range of solutions from industry to day to day life, everywhere we see the importance of traceability, customization, bar coding, QR coding, Batch marking etc. few commonly industries using laser marking in mass are Automotive, Medial / Surgical instruments, Bath fitting and sanitary wear, gift and article industry.

AUTOMOTIVE APPLICATION – A BRIEF

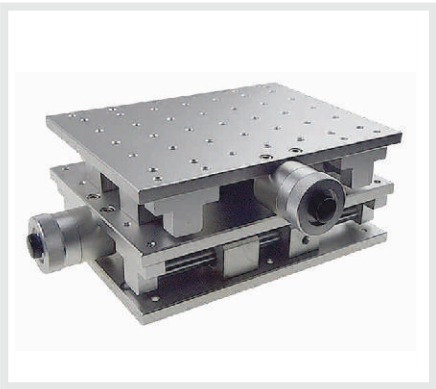
THE KEY AREAS ARE :

Engine Assembly – Batch Marking / Deep Engraving Auto Parts – Traceability /Surface Marking / Bar coding Electronic Parts – UV / Fiber laser marked all indication Mirror Assembly – for product make, statutory warning labels.



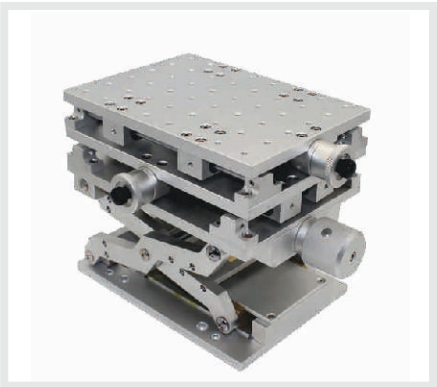
OPTIONAL ACCESSORIES

Induction Table



2D Marking Moving Table

Metal Cutting Fixure



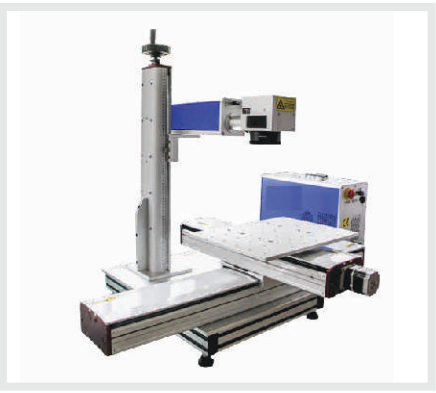
3D Marking Moving Table

Rotary-Attachment

Conveyor Table

Enclosure Systems

Industrial Fume Extractor



2D Electric Moving Table

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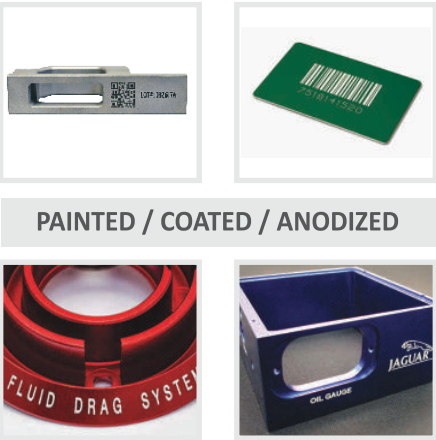
Laser Marking Samples

Plastic

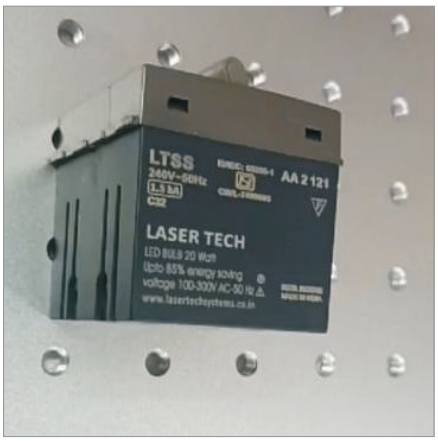
Glass

PVC Pipe

Acrylic

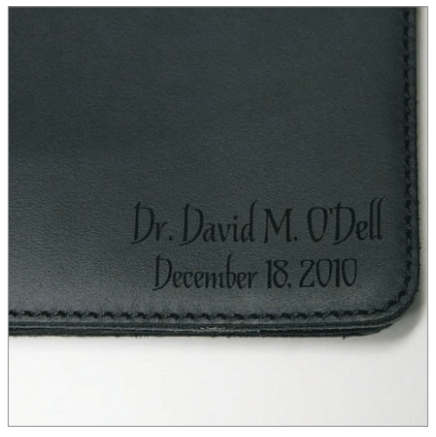


Painted Coated



PVC

Plastic



Leather

Plastic

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