



THOUGHTFUL
TECHNOLOGY
AT **WORK**



Fiber / UV / Co2 Laser Marking Machines



Dot Pin Marking Machines

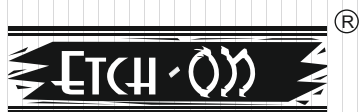


Electrolytic Metal Etching Machines



Laser Welding Machines

World Class



Marking Machines

ETCHON MARKS CONTROL

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We are at EtchON,

In the past few years, share of industrial sector in the Government revenue has increased to a large extent. Government also acknowledges this fact. Through various industrial policies, they are also trying to improve & expand this commercial world. Quick industrialisation in recent years has brought about many changes in the techniques of production, marketing activities, communication skills and other related areas. Quantities of industries have also increase in this period.

Etching, marking and engraving are an important part of product promotion for manufacturers; they are done to not only imprint, but also carry forward the message and information of a company. As a tool for customer reference, marking processes are accomplished with the help of advanced machines for effective results. In this regard, the name of EtchON Marks Control comes first, for its

- EtchON® Fiber Laser Marking Machines (FLE)
- EtchON® UV Laser Marking Machines (ULM)
- EtchON® Co2 Laser Marking Machines (CLM)
- EtchON® Dot Pin Markers (DPM)
- EtchON® Electrolytic Metal Etching Machines (ME)
- EtchON® Laser Fiber Continuous Welding Machines (FLW)
- EtchON® Laser Spot Welding Machines (SPW)

all its spares and allied automation products have been in great demand since its inception. our company has been scaling new heights of success in the domain of Marking equipment's. We have achieved expertise in the manufacturing of State-of-Art Marking Machines. We are counted among the dominant Dot Pin Marking , Laser Marking / Engraving machines and Electro-chemical etching machines manufacture in Domestic as well as International market. Our services and commitments to our customers will remain as dedicated as ever, and we will endeavor to supply all our marking & etching consumables to the highest possible standards with a fast reliable Global Service. True to the spirit of the company our products like marking instrument reflect the same level of quality and standard.

EtchON delivers on its commitments. The people of EtchON pride themselves in efficiently delivering product to our customers, on-time, every time, bar none. We are driven to meet and exceed our customer's expectations before and after the sale. We are so confident in our process , we guarantee that our product and services are of the highest consistency of quality and our customer will be completely satisfied, no matter what.

EtchON is one of manufacturing OEM partners in the World . We have been working directly since 2010 and have developed a solid relationship in the market within a very short span of time . Our systems and supplies are in use all over the world from **Canada** to **South America**, and from **Europe** to **Asia**. Even we export to **Russia & China** also. We have also sold our machines to our prestigious Indian government organization like "Hindustan Aeronautics, Sukhoi Engine Division, Koraput, Orissa", "Nuclear Fuel Complex (NFC), Hyderabad, AP and BHEL, Haridwar in India, we have also supplied to "Pratt & Whitney, Canada", who manufactures jet engines to USA Government.

Nation and International Clients



*Note: All Logos and Tag lines are used for Marketing Purpose. All Individual has their own copyrights.

EtchON Fiber Laser Marking Machines (FLE)

INDUSTRIAL LASER engraving is rapidly growing industry in the world. Particularly because there is virtually no limit in the number of material that can be engraved whether you are using metal like SS, MS, Brass or Copper or non metal like plastic, ABS, Silicon, Ceramics, Rubber, Epoxy Resin, clock, plating or coated etc., Widely used in parts and components, electrical appliances, telecom products, mobiles accessories, cutting tools, instruments, plastic case, automotive parts, sanitary tools, surgical instruments, aviation, aerospace and military products, light housings etc, increasingly looking for laser engraving solutions. Fiber Laser machines are available in different version as per requirement like 20W/30W or 50W with 100mm to 400mm working area.

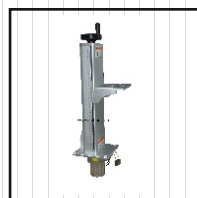
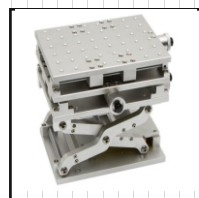
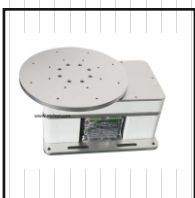
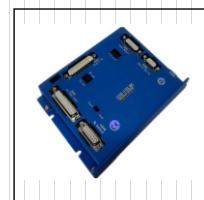
Samples



FLE Models



FLE Spares

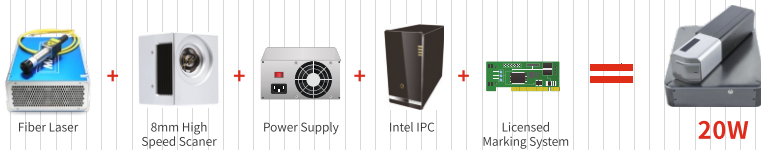


Maxphotronics Fiber Laser Sources and Marking Machine

Maxphotronics devoted itself to offer high performance, top quality and most cost effective fiber laser source and optical components integration solution, to offer the most professional and perfect service all over laser field globally, Currently, Maxphotronics' sales and service network covers more than 20 countries and regions, such as Asia, Europe, America, Middle-East etc., where in India " EtchON Marks Control" is there one of the Authorised Distributor and Service Agent for Sales and Services of Machine and Low Power Source. Smart Laser machine is one of Maxphotronics' high sophisticated products with many advantages such as small volume light weight, highly integration, powerful functions, energy saving and environmental protection and son on. Its appearance perfectly explains Max...

Machines

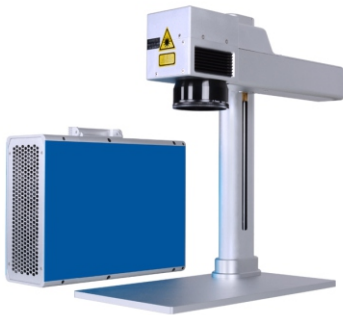
1 Integration in a body



2 Mini Small Light Convenient
10kg More Light

3 8000mm/s Speed
Integration 8mm High Speed Scanner High Efficiency

MAX M⁵ BOX



MAX MOPA Stainless Steel Color Marking Laser Marking Machine

Laser Source



Pulsed Fiber Laser Source
20/30/50W



Single Mode CW Fiber Laser Source
1000/1500W

Local **INDIA** SERVICE

Local **INDIA** AVAILABILITY

EtchON Co2 Laser Engraving Machines (CLM)

Industrial laser marking is rapidly growing industry in World. Particularly because there is virtually no limit to the number of materials that can be marked by laser equipment whether you are laser marking on glass, plastic, leather, wood, acrylic, bamboo and many more. The automotive, medical, gifts, carving items, signage industries, glass, consumer, and a range of other industries are increasingly looking for laser marking machines.

EtchON is a leading domestic and international provider of advanced Co2 Laser Engravers (CLE) and Co2 Laser Source for a range of applications, from laser cutting and engraving to industrial marking. EtchON offers best-in-class systems that deliver top performance, and custom solutions that can address every type of laser engraving, cutting, and marking need. EtchON CLE is state-of-the-art laser engraving equipment, designed to deliver quick, clean, quality results for a broad range of needs. It can engrave (mark) and cut characters, artwork and designs as per requirement, on the work piece (non metal materials only) permanently and can be used on plain surface well as Circumference with the help of Rotary Device.

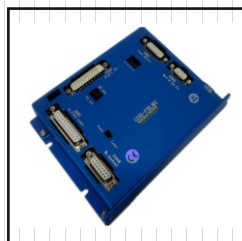
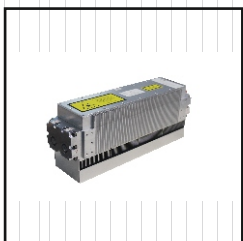
Samples



CLM Models



CLM Spares



EtchON Co2 Laser Source

EtchON RF-30E



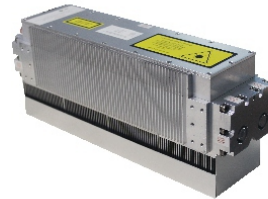
Technical Parameters:

Model	EtchON RF30E
Wavelength	9.3um/10.2um/10.6um
Optical Output Power	≥ 30W
Power Stability	±5%
Mode	TEM00
Beam Size	2.2-3.0
Beam Divergence angle	4mrad
Polarization	50:1 Vertical polarization
Modulation frequency	0-20KHz
Cooling method	Air Cooling
Input Voltage	48VDC/12.5A
Dimensions L x W x H	360 x 93 x 140

EtchON RF-30

Technical Parameters:

Model	EtchON RF30
Wavelength	10.6um
Optical Output Power	≥ 36W
Power Stability	±5%
Mode	TEM00
Beam Size	2.2-3.0
Beam Divergence angle	4mrad
Polarization	50:1 Vertical polarization
Modulation frequency	0-20KHz
Cooling method	Air Cooling
Input Voltage	48VDC/12.5A
Dimensions L x W x H	360 x 93 x 140



EtchON RF-40

Technical Parameters:

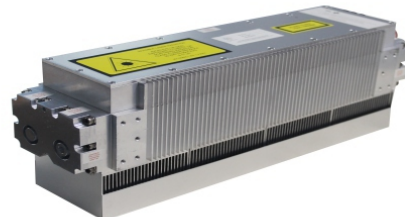
Model	EtchON RF40
Wavelength	9.3um/10.2um/10.6um
Optical Output Power	≥ 46W
Power Stability	±5%
Mode	TEM00
Beam Size	2.2-3.0
Beam Divergence angle	4mrad
Polarization	50:1 Vertical polarization
Modulation frequency	0-20KHz
Cooling method	Air Cooling
Input Voltage	48VDC/12.5A
Dimensions L x W x H	447 x 93 x 140



EtchON RF-60

Technical Parameters:

Model	EtchON RF60
Wavelength	9.3um/10.2um/10.6um
Optical Output Power	≥ 60W
Power Stability	±5%
Mode	TEM00
Beam Size	2.2-3.0
Beam Divergence angle	4mrad
Polarization	50:1 Vertical polarization
Modulation frequency	0-20KHz
Cooling method	Air Cooling / Water Cooling
Input Voltage	48VDC/12.5A
Dimensions L x W x H	537 x 93 x 140



EtchON UV Laser Marking Machines (ULM)

Ultraviolet lasers has 355nm output wavelength to reduce the thermal impact on the work piece, high beam quality and small spot, and the processing of heat affected area is small, which can be used for ultra-fine marking, include DPSS laser (diode-pumped solid-state) and diode laser. The laser head comes with cooling and precise temperature control system, and power supply comes with overcurrent and overheating protection function. EtchON lasers have stabilized power, easy operation, reliable performance and long lifetime. The laser products include 5 series: high energy, high power, high stability, low noise and single longitudinal mode. laser. ULM available in different version as per requirement like 2W 3W or 5W with 100mm to 400mm working area.

The excellent beam quality also affords this laser the ability to be utilized in micro marking applications such as pharmaceuticals, cosmetics, video and other polymer materials, electronics, circuit boards and microchips, in addition to solar panels and precise medical marking, bottle marking, blind hole processing, LCD glass, ceramic, glassware surface drilling, metal surface, plastic buttons.

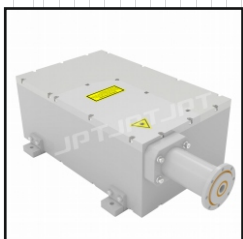
Samples



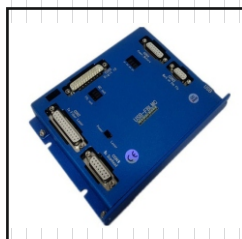
ULM Models



ULM Spares



UV Laser Source



Laser Board



Scan Head



Chiller



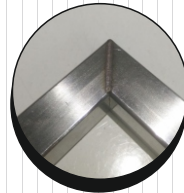
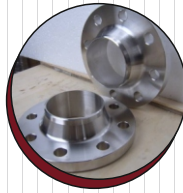
Fixtures

EtchON Fiber Laser Welding Machine (FLW)

Fiber laser welding is one of many laser processes and is used to join various materials together by creating a strong weld between them. While this is most commonly used for metals, it is a process that isn't only limited to this type of material. This process is used to create a strong and permanent joint between two types of material. The laser being used will focus a beam of high-intensity light on a focused area. The aim of this process is to physically melt the two materials together to form a bond between them.

Continuous fiber laser welding machine is suitable for various kind of metal workpiece welding, it is versatile and suitable for the welding of metal connectors, mobile phone accessories (medium plate, nut), power battery, hardware, kitchen, and bathroom electrical equipment, automotive parts, structural parts, medical equipments, precision parts, automobile bodies, etc.. It is used for continuous welding of various metal sheets like copper, aluminium, titanium, stainless steel, low carbon steel etc.

Samples



FLW Models



FLW Spares



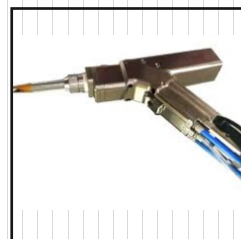
Laser Source



Laser Source



Wobble Head



Wobble Head



Chiller

EtchON Laser Spot Welding Machines (SWM)

The laser welding machine is mainly used for joining components that need to be joined with high welding speeds, thin and small weld seams and low thermal distortion. The high welding speeds, an excellent automatic operation and the possibility to control the quality online during the process make the laser welding a common joining method in the modern industrial production.

A micro Spot laser welder machine is commonly used for reassembly of broken bracelets, earrings and necklaces, ring resizing, repairing bezel settings, retaping prongs, filling porosity and creating made-to-order designs, repairing eyeglass frames, watch bands and costume jewellery.

Samples



SWM Models



EtchON SWM601
Table Top Internal Cooling



EtchON SWM602
Table Top Internal Cooling



EtchON SWM603
Stand based Internal Chiller

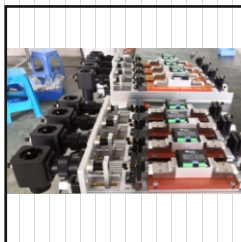


EtchON SWM604
Stand based External Chiller

SWM Spares



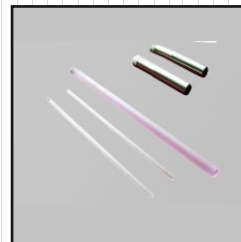
Ceramic Cavity



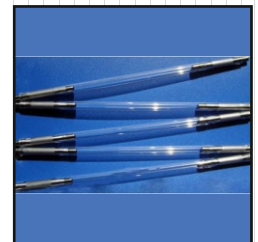
Welding Beam Path



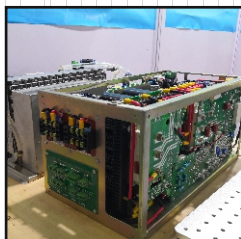
Focus Head



Yag Crystal



Xenon Lamp



Power Supply



Focus Lens



Mirror Mount



CCD

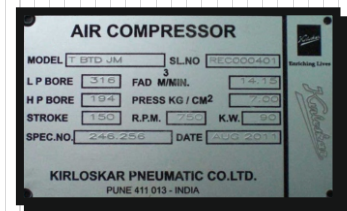
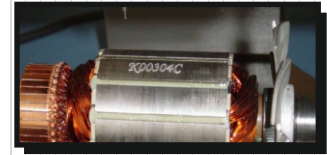


Chiller

EtchON Dot Pin Marking Machines (DPM)

The DOT PIN MARKER.. combined with computer, pneumatic air and precision machinery techniques. It is an industrial marking equipment which can mark on workpiece (metal/not metal material) permanently. EtchON is a leading international provider of ADVANCED Dot Pin Markers for a range of engraving to industrial marking. Markers are made in the highest standard of quality either its PC based model or Standalone model or Portable unit, all are recognised for its durability, stable performance. easy to operation software either it's a logo mark or text mark. Machines are made of Ip65 Standard Switches and connectors, Auto Lubricated LM Guide Ways, Cables are covered with conduit. Different models are available depending upon on individual size of marking requirements...

Samples



DPM Models

DPM301 **DPM301D**

EtchON PC based Dot Pin Marking Machine
(Line and Dot Marking on plain & arc surface)

DPM302 **DPM302D**

EtchON Standalone (LCD) Dot Pin Marking Machine
(Line and Dot Marking on plain & arc surface)

DPM303 **DPM303D**

EtchON PC based Rotary Dot Pin Marking Machine
(Line and Dot Marking on plain, arc and round surface)

DPM305 (Standalone) **DPM305D (PC based)**

EtchON
Portable Dot Pin Marking Machine (e-Magnet Support)
(Line and Dot Marking on plain & arc surface)

DPM306 (Standalone) **DPM306D (PC based)**

EtchON
Portable Dot Pin Marking Machine (Bracket Support)
(Line and Dot Marking on plain & arc surface)

DPM304

EtchON All-in-one Standalone Marking Machine
Stand based with portable marking head
(Line and Dot Marking on Plain & Arc Surface)

DPM Consumables



EN 2



EN 3



EN 4



EN 4L



EN 4D



EN 4LP



EN 5DL



EN 6DL

EtchON Electro-Chemical Metal Etching Machines (ME)

ELECTRO-CHEMICAL MARKING is recognised as one of the best low budget methods of marking metal permanently without distortion. Electro-chemical etching systems are perfect for marking various conductive material like Stainless Steel, Steel Alloys, Brass, Bronze, Carbide and Copper. And plated metals such as Chrome, Nickel, Gold, Silver, Cadimium and Zinc. Our Etching Systems use a unique electro marking techniques, without any corrosion. Metallic Items Like Surgical -Dairy Equipments, Medical Instruments, Cutlery, SPM Manufactures, Drills, Taps, Tools, Engine Valves, Aerospace Industries, Crank Pins, Sanitary Hardware, Gears, Ball Bearings, etc., can all be marked Consumables like Stencils and Electrolyte Solution. Using metal etching technique we are capable of marking high quality logos, text, numbers and other required information, directly onto the product-whether the surface is round or flat.

Samples



ME Models



EtchON ME 100
Economical / Small mark / Single Voltage / Black Mark



EtchON ME 101
Small/Large Mark / Variable Voltage / Black n Brown Mark



EtchON ME 102
Small/Large Mark / Variable Voltage / Black, Brown n White Mark

ME Accessories



Stencil Label Printer



Stencil DMP Printer

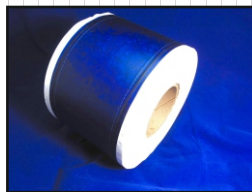


Etching Accessories Set

ME Consumables



Stencil Tape



Stencil DMP

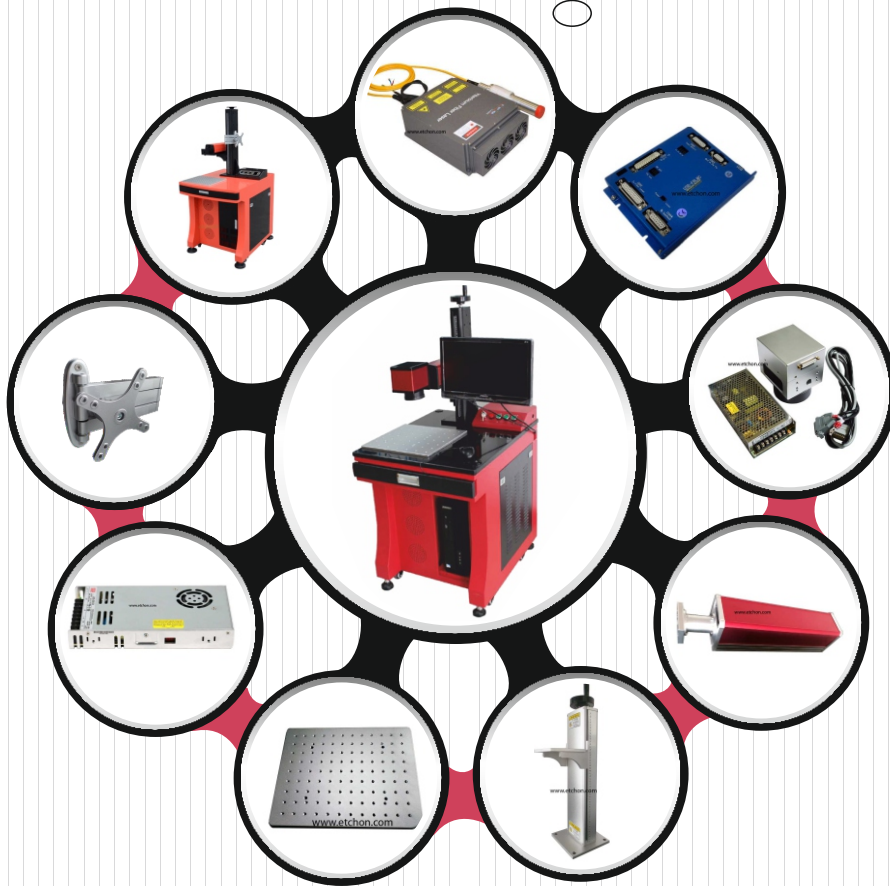


Electrolytes



Permanent Stencil

**BUILD
you own
Marking Machine**



**Fiber, UV AND Co2
METAL LASER MARKING MACHINE SPARE AND ACCESSORIES
UNDER ONE ROOF**

CHOOSE MARKING CHOOSE ETCHON !!!