





Technical Literature

Electrochemical Metal Etching Machine Model: EtchON ME101 HSN Code: 84569020	Connect : +91-7770019657, 59, 9923638463		
	Email : sales@etchon.com, support@etchon.com		
	Skype : etchon, etchon.india We Chat: EtchONIndia		
	Web site : www.etchon.com		
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Type: Manual



Features of the Machine:

- Industrial marking and engraving are rapidly growing industry in the world. Particularly because there is virtually no limit to the number of materials that can be marked or engraved whether you are using metal or non-metal. For a batch quantity marking, Electrochemical etching or electro-marking is recognized as one of the best and cost-effective method of permanent marking.
- EtchON ME101, is a Portable Manual Electrochemical Metal Etching Machine with Variable voltages (5V - 25V).
- This model is economical and suitable for small batch production.
- This machine is widely used for marking on Automobile or bodywork of motorcycle, medical instruments, drills, taps, tools, engine valves, aerospace industries, crank pins, gears, bearings, pump body, metal pipe, machine tools and mechanical parts etc for small etching areas.
- This machine comes with Graphite based marking head for durability, Non-Corrosive Electrolyte, Reusable white felt, stencil cleaning agent etc
- This machine supports Green, Brown, Dot Matrix and Label printer stencils.
- Marking contains all kinds of logos, characters, alphanumeric, dates, numbers, serial numbers, etc
- This machine is limited to mark only Black and Brown colour marking.
- This machine can mark on materials like Stainless Steel, Steel Alloys, Cast Iron (Finished), Copper, Titanium, Gold, Silver, Brass, Bronze, Chromes, Nickel, Carbide and most of the conductive metals.
- Manufactured in INDIA with CE Certification
- Machine warranty is 12 months.

Machine Delivery Package:

- Metal Etching Unit.
- Marking Head.
- Electrolyte (250ml),
- Stencil (10 Sq. Inch).
- White Felt (290 x210 mm).
- Cleaning Agent.
- Cleaning Cloth
- Manual.

Packaging Details:

- Machine Actual Size (L*B*H) cm:
- Machine Actual Weight (kg): 3.5 kg
- Box Packaging Size (L*B*H): (30 x 30 x 25) cm
- Gross Weight (kg): 6 kg

Technical Specifications:





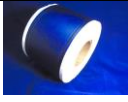
Model	: EtchON ME101
Type of Model	: Manual
Voltage Control	: 0V-25V (Variable Voltage)
Etching Color	: Black/Brown
Etching Time	: 1-3 Seconds Per Sq. Inch
Etching Depth	: $\leq 100\mu$ (0.01 mm)
Etching Quality	: Sharp and good
Transformer	: Sealed High Grade
Input Voltage	: 110V ~ 230V AC
Output Voltage	: 0V-25V (5 Step)
Overload Circuit breaker	: Switch ON/OFF
Max Power	: 50VA
Etching Color	: Black and Brown

Application Material:

• Stainless Steel	• Mild Steel	• Gold
• Carbide	• Nickel	• Titanium
• Cast Iron	• Chrome	• Copper
• Brass	• Silver	• Iron

Upgradation Accessories & Consumables:

EtchON Temporary Stencil Label Printers:-

Sr. No,	Images	Products Name (HSN: 845715000)
1		<p>EtchON SLP60 Features: Attractive and Small Printer, Supports Short life stencil tapes EN18/EN24 with other regular tapes, Automatic Tape cutter, Tabletop Printer</p> <p>Package: Stencil Printer Unit, EN 24 /18 Tape, Driver and Software CD, Cables with rest Accessories</p>
2		<p>Stencil Tape 18mm Height with 3 Meter Length for LBP Printer (Class V) (8/10 impressions)</p>
3		<p>Stencil Tape 24mm Height with 3 Meter Length for LBP Printer (Class V) (8/10 impressions)</p>
4		<p>Class IV Stencil Printer Dot Matrix Printer 24 Pin 80 Columns Epson</p>
5		<p>Stencil Dot Matrix-Class IV Stencil Sheet 2-1/2" x 20' Roll on perforated backing (Blue)</p>

EtchON Etching Machine Graphite Marking Heads:-

EtchON Etching Stencils:-

1) Marking Head Size: 25x 20x 25 mm
2) Marking Head Size: 35 x 20 x 25 mm
3) Marking Head Size: 45 x 20 x 25 mm
4) Marking Head Size: 25 x 25 x 10 mm
5) Marking Head Size: 38 x 30 x 8 mm

1) Etching Stencils Class II (Green) Templates: Gives 800-1000 impressions
2) Etching Stencils Class III (Green unexposed) Templates: Gives 800-1000 impressions

EtchON Etching Electrolyte:-

1) Etching Electrolyte – Grade A
2) Etching Electrolyte – Grade B

***Note: All the consumables are available ready in stock**

Why to Choose EtchON Machines?

- EtchON Marks Control, we are specialised in manufacturing and integration of types of marking systems and its having manufacturing base at Aurangabad, Maharashtra
- Our products are not only Dot pin Engraving Machines, but Fiber Laser Marking Machine, Electro-Chemical Metal Etching Machine, Fiber Laser Welding Machine and its allied automations. We have installed more then 3000 machines in India and exported our products to around 60 countries.
- We provide innovate technological solutions to a wide range of customers in the fields of marking and engraving processes with the help of our team of qualified experts in mechanics, automation and instrumentation systems.
- We are highly experienced in the industry, and the sole goal of our experience staff is to identify challenges in order to offer clients innovative solutions that will yield substantial saving and improve their productivity.
- With the help of our product, you can increase your efficiency by introducing a strategic production unit within your companies or by designing an overall plan to improve productivity.
- By working closely with clients' existing staff, we are able to implement solutions to meet specific needs and make a positive impact on production and quality.
- Our mission is to work alongside clients to develop efficient and affordable solutions to meet the most stringent requirements, constantly striving to keep our knowledge up to date in a world where technology is always evolving.
- We are the member of FIEO (Federation of Indian Export Organisations), EEPC (Engineering Export Promotion Council of India) and MASSIA (Manufacturing Association of Small Scale Industries Aurangabad) and feathered with Industry Excellence Award, Iconic Brand of the Year, Best Pavilion ITF Bangkok, Iconic Brand of the Year, Best Employer Award, Best MSME and Innovative Business Award.