






# Vivaan Marking Solution on your marks

Manufactures Of Chemical Etching Machine

## Chemical Etching Machine Product Catalog

Sr.No	Machine Model	Technical Specification	Machine Package
1)	 <p><b>CEM100</b></p>	1) Input Voltage 110-230V AC 2) Output Voltage 8V 3) Marking On Conductive Metals 4) Marking Color Black 5) Marking Time 1 to 3 sec as per stencil matter ( size ) 6) Marking Depth 10-20 Microns 7) Machine Size: 200x150x100 mm	1) CEM100 Machine - 1 Nos 2) Marker 35x15x25mm - 1 Nos 3) Electrolyte Chemical - 100 ml 4) White Felt A4 Size - 1 Nos 5) Positive Negative Cable-1 Set 6) Stencil P Green - 05 Sq.inch 7) Cleaning Cloth - 1 Nos 8) Power Cable - 1 Nos 9) One Year Warranty
2)	 <p><b>CEM101</b></p>	1) Input Voltage 110-230V AC 2) Output Voltage 5 to 25V 3) Marking On Conductive Metals 4) Marking Color Black & Brown 5) Marking Time 1 to 3 sec as per stencil matter ( size ) 6) Marking Depth 15 - 50 Microns 7) Machine Size: 250x200x100 mm	1) CEM101 Machine - 1 Nos 2) Marker 35x15x25mm - 1 Nos 3) Electrolyte Chemical - 250 ml 4) White Felt A4 Size - 1 Nos 5) Positive Negative Cable-1 Set 6) Stencil P Green - 10 Sq.inch 7) Cleaning Cloth - 1 Nos 8) Power Cable - 1 Nos 9) One Year Warranty
3)	 <p><b>CEM102</b></p>	1) Input Voltage 110-230V AC 2) Output Voltage 5 to 25V 3) Marking On Conductive Metals 4) Marking Color Black & White Depth 5) Marking Time 1 to 3 sec as per stencil matter ( size ) 6) Marking Depth 15 - 50 Microns 7) Machine Size: 250x200x100 mm	1) CEM102 Machine - 1 Nos 2) Marker 35x15x25mm - 1 Nos 3) Electrolyte Chemical - 250 ml 4) White Depth Etching Chemical 5) White Felt A4 Size - 1 Nos 6) Positive Negative Cable-1 Set 7) Stencil P Green - 10 Sq.inch 8) Cleaning Cloth - 1 Nos 9) Power Cable - 1 Nos 10) One Year Warranty

## Vivaan Chemical Etching Sample :



**Stainless Steel  
Material**



**Chrome Plated Material**



**Mild Steel Material**






## Vivaan Marking Solution

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## Chemical Etching Machine Consumable:

Sr.No	Consumable Image	Consumable Description
1)		<b><u>Permanent Green Stencil</u></b> : Stencil is made up of photographic process use for permanent etching on metal as per design & dimension. Green stencil once make its take 1000-1500 impressions on metals jobs.
2)		<b><u>Positive Negative Cable Set</u></b> : Cable is attach to machine for transfer of current from positive to negative which can be help for etching. 1) Red Cable is Negative Cable which connect to ground connection. 2) Black cable is positive cable which connect to etching head( Marker)
3)		<b><u>Electrolyte Etching Chemical</u></b> : Etching Chemical also play very important role in etching process as per depend upon material. 1) Grade A Electrolyte Etching chemical use for steel, MS, Cast Iron, Alloy 2) For Brass material Copper Brass Electrolyte Etc.
4)		<b><u>Marker ( Etching Head)</u></b> : Etching Head available in 35x15x25 mm. Etching Head is made up of conductive material of Graphite & Brass for proper transmission of electricity .
5)		<b><u>White Felt</u></b> :Etching result & Stencil impression life depend upon white felt it`s play important role in etching process. when we apply electrolyte chemical on white felt on marker ( Etching Head) at the time of etching it use for 6 -10 times depends upon etching area after that again apply chemical for etching . when white felt comes black or just like burn then please change the white felt. 50x60 mm white felt required for etching on marker ( Etching Head).