

U-MARQ GEM-CX5

Computerized Engraver



Laptop not included

U-MARQ GEM-CX5 COMPUTERIZED ENGRAVER

The U-MARQ GEM-CX5 engraving machine takes over where the GEM-RX5 and FX5 leave off. Designed for the countertop or workshop, for customers who have higher demands, the GEM-CX5 is an easy to use engraving solution. Linked to your laptop or PC, it is easy to set up and use in any environment, where fast and efficient engraving of single or multiple items is needed.

As well as gifts and personal items, the GEM-CX5 will engrave jewelry, trophies, tankards, glass, tags, labels and much more! For the jeweler, the GEM-CX5 can also be used to cut out names and shapes in gold, silver and copper sheet material. The GEM-CX5 is a true four axis machine, giving the user absolute control over the cylindrical axis, no task is too demanding.

Starting At Only \$13,995⁰⁰
(SST-521)

The U-MARQ engraving and instant personalization system can produce profits you never had before in a very short period of time.

ENGRAVING PERIMETERS

- Flat Work Size:
9" x 7" (231mm x 182mm)
- Cylindrical Work Size:
5" (127mm) diameter
- Z Axis Travel:
2.0" (50mm)
- Maximum Vice Opening:
11" (245mm)
- Dimensions:
24 X 16.5 X 33"
(610 X 420 X 840mm)

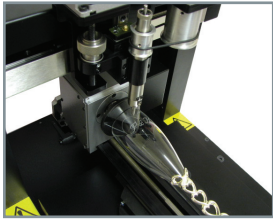
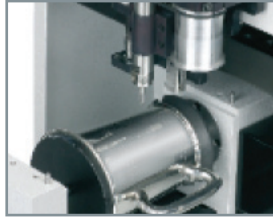
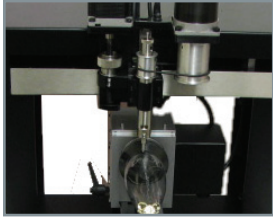
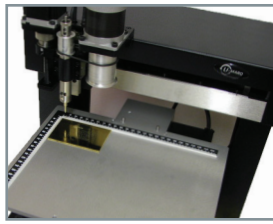
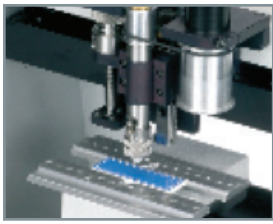
ENGRAVING METHODS

- Inside & Outside
- Flat
- Cylindrical
- Cutting

engraving 
MACHINES PLUS 

CALL: 866-342-0890 // FAX: 321-821-9431
VISIT: WWW.U-MARQUSA.COM
VISIT: ENGRAVINGMACHINESPLUS.COM

U-MARQ GEM-CX5



ENGRAVING METHODS

QUALITY 4-AXIS PRODUCT (CYLINDRICAL)

The U-MARQ GEM-CX5 is a true 4-axis machine, giving the user unprecedented control over the cylindrical axis. The cylindrical axis can be angled to cope with conical shapes or used in automatic center locating mode for regular cylinders. It can also be raised or lowered for unusual shaped and sized objects making it ideal for trophy shops, jewelers or industrial marking.

GLASS

A challenge for a traditional 3-axis engraver, the U-MARQ GEM-CX5 offers unprecedented ease of use. With its true 4-axis functionality, it engraves 360 degrees around glass bowls which are easily fixed in the machine.

RING ENGRAVING (INSIDE & OUTSIDE)

The GEM-CX5 can be fitted with the inside/outside ring engraving attachment that allows you to engrave rings up to 28mm in diameter inside and outside with ease and precision. By adding the bangle attachment, you can increase the engraving size to 75mm diameter inside and outside.

FLAT

The GEM-CX5 can easily engrave on flat surface of up to 9" x 7".

CUTTING

The U-MARQ GEM-CX5 is equipped with a carbide cutter and cutter knob, making it easy to cut out shapes or charm names.

TECHNICAL SPECIFICATIONS

Flat work size	9" x 7" (231mm x 182mm)
Cylindrical work size	5" (127mm) diameter
Z axis travel	2.0" (50mm)
Z axis clearance	4.3" (110mm) top of jaws
Maximum vice opening	11" (245mm)
Spindle motor speed	18,000 RPM
Power of spindle motor	100W, 24 Volt Brushless Hall Effect DC motor
Feed rates	Variable, electronically controlled micro stepping , up to 4.5"/sec (116mm)
Interface to PC/Laptop	Serial and USB (with adapter)
Mechanics	Stainless steel spindles and lead screws, precision linear rails and steel chassis
Engravable materials	Resins, plastics, wood, plaster, aluminum, brass, steel, gold, silver, copper sheet, etc.
Dimensions	24.0" H x 16.5" W x 33.0" L (610mm x 420mm x 840mm), total weight 150 lbs. (68 kg)
Supplied accessories	USB cord, power cable, serial cable, 120° diamond drag, carbide cutter, brass knob, nylon nose cone, light touch knob, standard aluminum jig, set of four jig pins, 50-85mm cup cone, 100mm face plate, U-MARQ GEM-CX5 engraving software package and quick installation guide, scanning module and vector software for logo generation.
Minimum PC/Laptop requirements	2.4 GHz, Pentium 4, PC running Windows XP or Vista, 1Gb RAM, 100 MB free hard disk space, 2 free USB ports, 256 color SVGA display, CD-ROM drive and mouse
Warranty	One year

AVAILABLE ATTACHMENTS/ACCESSORIES

Swarf extractor	SST-589	\$249.00
CX4 Inside/outside ring engraver	SST-522	\$1,299.00
Bangle attachment	SST-565	\$198.00
Jewelry jigs	SST-574	\$84.99
Watch and medal jigs	SST-580	\$84.99

Ring and pen jigs	SST-581	\$98.99
Cutlery jigs	SST-582	\$199.95
Photo engraving	SST-564	\$395.00
Set of 3 jigs	SST-554	\$199.00

Hand console and Braille software are also available

Prices subject to change

OUR COMMITMENT

We are committed to providing our customers with a solution for fast, efficient, and quality engraving. Our machines are loaded with features, are easy to use, and are manufactured to the highest quality standards at the most affordable price!

CALL: 866-342-0890 // FAX: 321-821-9431

VISIT: WWW.U-MARQUAUSA.COM VISIT: ENGRAVINGMACHINESPLUS.COM



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COMPUTERIZED ENGRAVER

U-MARQUSA
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WWW.U-MARQUSA.COM

U-MARQ GEM-CX4

EQUIPMENT

9" x 7" (231mm x 182mm) flat engraving surface
5" x 11" (127mm x 245mm) cylindrical size
12" (304mm) of vice opening space
18,000-RPM motor speed
Controllable engraving speed
Variable, electronically controlled micro stepping motor
Engraving speeds up to 4.5"/sec (116mm)
1 Faceplate
Light touch cutter knob
11/64" brass cutter knob
Plastic nose cone
1 cup cone

Diamond drag graver (120-degree)
Carbide cutter
Spindle spanner
Rotary spanner set
6' USB cable
Power box
Power cable
Dongle (authorization key) and key fob
U-Marq GEM CX engraving software
Instruction manual
Software CD
Standard Jigs with Jig pins

SOFTWARE CAPABILITIES

900 fonts plus 100 designs and logos
Arc Engraving
360-degree text rotation
Repeat engraving
Engravable text can be smaller than 0.5mm
Ability to change single letters or phrases
Shading capabilities
Resize text or logos
Change line spacing
Computerized engraving area measurements
Scanning module/vector software
Engrave oddly shaped items

Engrave cylindrically around a pen
Engrave small to mid-sized cylindrical items
Circular engraving
Next job setup while current job is engraving
Save all engraving jobs for future use
Duplicate workspace
Zoom in and out of entire work area
Fast access to each font with a single click
Ability to center, vertical or horizontal align

ADDITIONAL OPTIONS

Laptop with GEM software
Center vice option
Inside/outside ring engraver
Bangle attachment
Vernier adapter
Gem swarf extractor
Jewelry jigs
Watch and metal jigs
Ring and pen jigs
Cutlery jigs
Cylindrical pen attachment
Photo engraving

Rub N' Buff
Pen tester
Wax marker
Brass gauge
Large variety of diamond drag gravers and cutters
Glass engraving lubricant
Glass engraving kit
Cutting oil
Precious metal cutting kit
Compressed air
Polishing cloth
Set of 3 cup cones