



# ENGRAVING METHODS

The GEM-RX5 is the greatest breakthrough in computerized engraving designed specifically for the retailer. With its 4-axis technology and self centering vice, the GEM-RX5 is perfect for engraving single pieces or production runs. Combining both flat and cylindrical engraving in a machine of this size has never been possible, until now.

## QUALITY 4-AXIS PRODUCT (CYLINDRICAL)

One of the challenges for a traditional 3-axis machine is how to engrave items such as pens or mini flashlights. The U-MARQ GEM-RX5 offers the perfect solution for cylindrical engraving. By using true 4-axis functionality, it will engrave 360 degrees around a pen or other cylindrical object effortlessly. It also has a cylindrical capability of 70mm. The GEM-RX5 software has been configured to make this normally complicated task easy for the beginner or expert.

## RING ENGRAVING (INSIDE & OUTSIDE)

The GEM-RX5 can be fitted with the inside/outside ring engraving attachment allowing for inside/outside ring engraving.

## PORTRAIT- THE LATEST AND BEST U-MARQ INNOVATION!

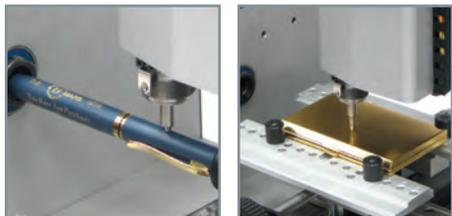
The U-MARQ photo engraving software allows you to manipulate the photo to produce some outstanding results and because the images have depth, you need not to coat them in order to protect the items from wear.

## FLAT

The GEM-RX5 can engrave areas up to 6" x 3" using the center vice. Great for pet, key, or an ID tag.

## JIGS

The quick clamp jigs make holding an item a snap. Designed to hold watches, bracelets, lighters, money clips, rings, lockets, or just about anything you can think of.



## TECHNICAL SPECIFICATIONS

Flat work size	6.0" x 3.0" (160mm x 75mm)
Cylindrical work size	2" (50mm), 2.5" (65MM) with Bangle Attachment
Z axis travel	2.35" (60mm)
Z axis clearance	2.0" (50mm) top of jaws, 1.2" (30mm) top of beam
Maximum vice opening	5.7" (145mm)
Spindle motor speed	14,000 RPM
Power of spindle motor	42W, 24 Volt Brushless Hall Effect DC motor
Feed rates	Variable, electronically controlled micro stepping, up to 5.2"/sec (8m/min)
Interface to PC/Laptop	Serial and USB (with adapter)
Mechanics	Cartridge spindle, lead screws and precision linear rails, steel chassis
Engravable materials	Most materials are suitable for rotated or diamond drag
Dimensions	13.4" H x 10.8" W x 9.4" L (340mm x 275mm x 240mm) with integrated controller, total weight 40 lbs. (18 kg)
Supplied accessories	USB cord, power cable, power box, 120° diamond drag cutter, carbide cutter, brass cutter knob, plastic nose cone, light touch knob, standard jigs, 10mm jig pins, 20 fonts, U-MARQ GEM-RX4 engraving software package and quick start guide.
Minimum PC/Laptop requirements	2 GHz, Pentium 4, PC running Windows 2000 or XP, 256 MB 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

Inside/outside ring engraver	SST-551	\$999.00
Bangle attachment	SST-565	\$198.00
GEM swarf extractor	SST-571	\$249.00
Jewelry jigs	SST-574	\$84.99
Watch and medal jigs	SST-580	\$84.99
Cufflink Jigs	SST-8026	\$175.00

Ring and pen jigs	SST-581	\$98.99
Jewelry/watch/ring jigs (set of 3)	SST-554	\$199.00
Cutlery jigs	SST-582	\$199.95
Scanning module/vector software	SST-552	\$475.00
Font pack (80 additional fonts)	SST-555	\$295.00
Photo engraving	SST-564	\$395.00

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!

# U-MARQ GEM-RX5

## COMPUTERIZED ENGRAVER

U-MARQ GEM-RX5

### EQUIPMENT

6.0" x 3.0" (160mm x 75mm) flat engraving surface  
2.75" (70mm) cylindrical engraving size  
5.7" (145mm) of vice opening space  
14,000-RPM motor speed  
Controllable engraving speed  
Variable, electronically controlled micro stepping motor  
Engraving speeds up to 5.25"/sec (133mm)  
Standard aluminum jigs  
Jig pins 13mm (set of 4)  
Light touch cutter knob  
11/64" brass cutter knob  
Plastic nose cone  
Pen drive bush  
Rubber penholder  
Pen support bush  
Carbide cutter  
Diamond drag graver (120-degree)  
Spindle spanner  
Rotary spanner set  
6' USB cable  
Power box  
Power cable  
Dongle (authorization key) and key fob  
GEM-RX engraving software  
Instruction manual  
Software CD

### SOFTWARE CAPABILITIES

20 fonts plus 100 designs and logos  
360-degree text rotation  
Arc engraving  
Repeat engraving  
Engraveable 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  
Engrave odd shaped items  
Engrave cylindrically around a pen  
Engrave small cylindrical items  
Engrave a flat surface pen  
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  
Inside/outside ring engraver  
Bangle attachment  
GEM vernier adapter  
GEM vernier adapter ring  
GEM swarf extractor  
Jewelry jigs  
Watch and metal jigs  
Ring and pen jigs  
Jewelry/watch/ring jigs (set of 3)  
Cutlery jigs  
Scanning module/vector software  
Font pack (80 additional fonts)  
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  
Compressed air  
Polishing cloth