

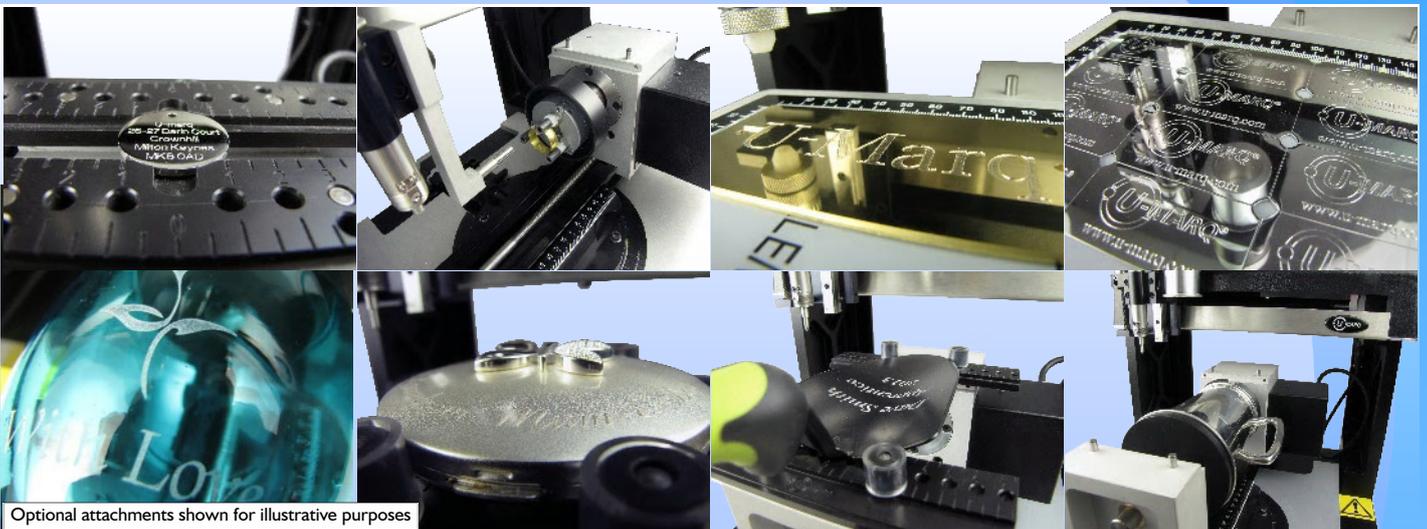


*Innovation in the Engraving
and Marking Industries*

GEM-CX5

The Great Counter Top Engraving Machine

- Designed for the countertop or workshop, for customers who have higher demands.
- The U-MARQ GEM-CX5 is an easy to use engraving solution. It is easy to set up and use in any retail shop or other environment, where fast and efficient engraving of single or multiple items are needed.
- It is capable of engraving anything from the finest bracelet to a full size door sign or tankard as well as glass items and trays.
- Equipped with the state-of-the-art and easy to use U-MARQ CX engraving software, the GEM-CX5 will connect to a standard PC or laptop.
- Its unique 4 axes control system, it enables both flat and cylindrical items in the same setup.
- The U-MARQ CX engraving software package has the new and unique Depth Profiling function. Also included is the scanning and automatic vectorisation of logos.
- The GEM-CX5 ease of use enables everyone engraving gifts and jewellery to achieve a professional standard, after just a short introduction.



Optional attachments shown for illustrative purposes

www.u-marq.com

U-MARQ Ltd.,
Unit C, Lincoln Lodge Farm, Castlethorpe,
Milton Keynes, BUCKS
MK19 7HJ.
Tel: +44 (0)1908 623522

Ground Breaking Technology at a Fantastic Price

The U-MARQ GEM-CX5 with its newly designed controller electronics, faster CPU, support for USB 2, more efficient drives (using less current), completely re-written firmware and more efficient drivers. The re-designed cylindrical drive provides more power and accuracy. New pre-loaded linear rails for longer life plus many other minor improvements. Designed for the countertop or workshop, for customers who have higher demands, the GEM-CX5 is an easy to use engraving solution. It is easy to set up and use in any retail shop or other environment, where fast and efficient engraving of single or multiple items are needed. It is capable of engraving anything from the finest bracelet to a large size door sign or tankard as well as glass items and trays.

Perfect Engraving

- The self-centring vice is perfect when dealing with one-offs or production runs. Combining both flat and cylindrical engraving in one machine of this size is most unusual. The wide range of push-fit jigs quickly clamp items, including: rings, bracelets, clocks, pendants, salvers, scrolls, shields, pens, watches, trophy plates, christening gifts, key fobs, lighters, hip flasks, business card holders, decanter labels, photo frames, laminate signs, badges, labels, brass plates and many other items. Using a unique range of pressure settings, even fine gold lockets can be engraved without risk of damage.

Cylindrical

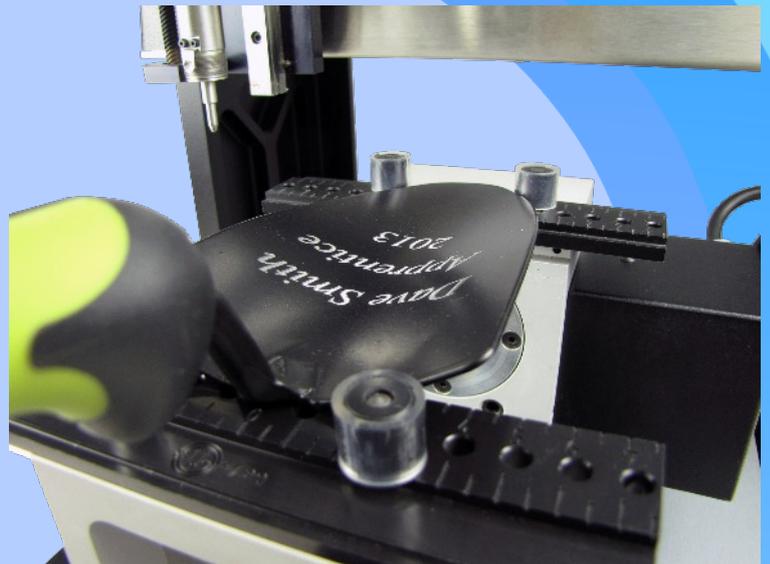
- The GEM-CX5 is a true four axis machine, giving the user absolute control over the cylindrical axis. The cylindrical axis can be used to engrave trophies, tankards and glass. Using the unique U-MARQ Depth Profile function in our Universal Engraving Software (supplied as standard), conical and curved surfaces are easily coped with. For ultimate versatility the vice beam swings 180 degrees to enable you to engrave larger text areas as required on some items. For the Jeweller the addition of the inside and outside ring attachment, makes the GEM-CX5 the complete engraving solution. The GEM-CX5 is the ideal engraving machine for the Trophy Shop, Jeweller or Industrial Marker at a very affordable price.

Industrial Engraving

- The U-MARQ GEM-CX5 can cope with most industrial marking tasks. Labels, switch sockets, tags, tools, identification plates, the GEM-CX5 can handle them all with speed and precision. With a generous engraving area of 231 x 182 mm (9.1" x 7"), engraving speeds of up to 133 mm/sec (diamond drag), no task is too demanding.

Software

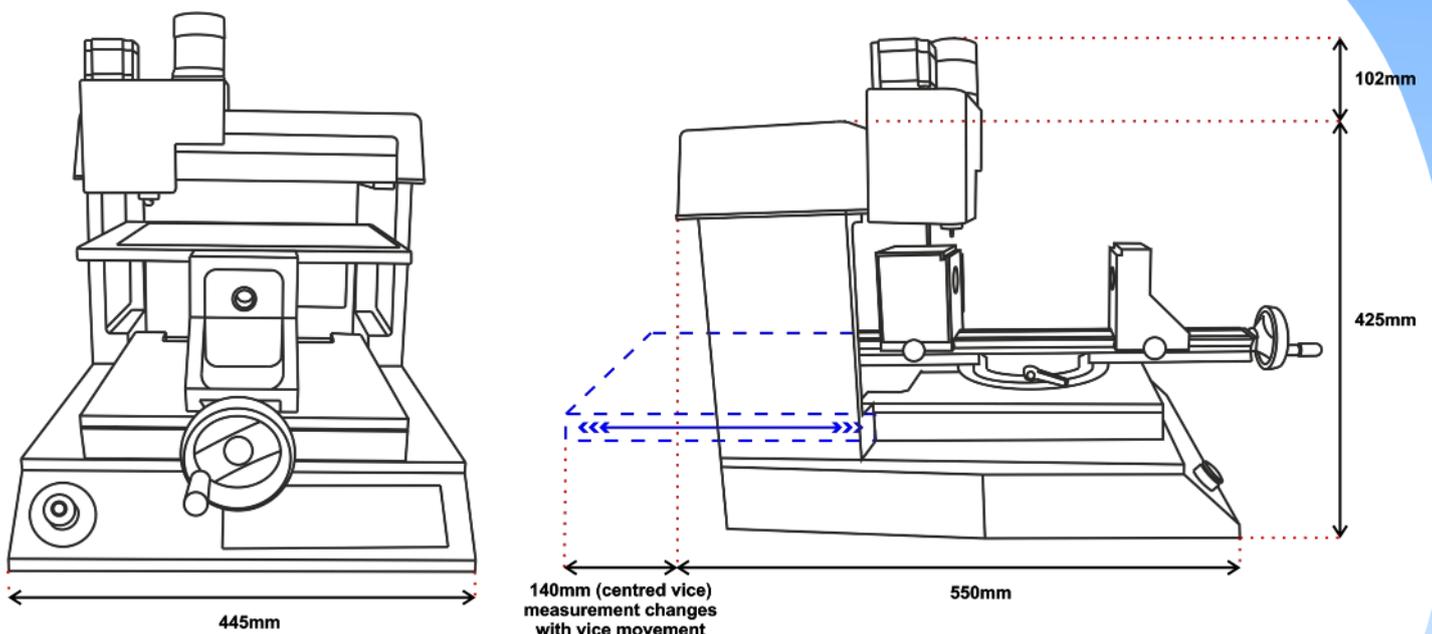
- Equipped with the state-of-the-art and easy to use U-MARQ Universal engraving software, the GEM-CX5 will connect to a standard PC or laptop. With its unique 4 axis control system, it enables both flat and cylindrical items in the same setup. Also included is the scanning and automatic vectorisation of logos. The GEM-CX5 ease of use enables everyone engraving gifts and jewellery to achieve a professional standard, after just a short introduction.



All prices subject to VAT
at the current rate

Technical Specifications

Flat work engraving area	231 x 182 mm (9" x 7").
Cylindrical work size	130 mm diameter (5.1"), up to 320 mm length (12.5") depending on item.
Z axis travel	55 mm (2.17").
Maximum vice opening	355 mm (14").
Spindle motor speed	18,000 rpm.
Power of spindle motor	100 W Brushless Hall Effect DC motor.
Interface to PC	USB
Construction	Stainless steel spindle, lead screws (Teflon coated) and linear rails mounted on an aluminium and steel chassis.
Dimensions	610 x 420 x 430 mm (24" x 16.5" x 17") Weight 68 kg (150 pounds).
Power Requirements	110 - 240 volts AC 6 amps
Operating environment	Temperature: 5 to 38°C (41 to 100°F) humidity: 35 to 80 % (no condensation).
Acoustic noise level	No-load operation: 80 dB (A) or less standby: 50 dB (A) or less.
Supplied accessories	Power cable, USB cable, 120° diamond cutter, carbide cutter, cutter knob, vernier nose cone, light touch, 85 mm cup cone, face plate, standard jig, U-MARQ CX engraving software package, Quick Start Guide.
Minimum PC requirements	Dedicated Intel i3 processor PC running Windows 7, Windows 8 or Windows 10, 8 Gb RAM, 500 Mb free hard disk space.
Engravable materials	Most materials that are suitable for rotated or diamond drag and some materials that are suitable for deep engraving.



Accessories

AC-00119 - GEM-CX Inside-Outside Ring Engraver



GEM-CX Inside/Outside Ring Engraver can engrave the inside of rings, from 15 to 28 mm diameter and 12 mm wide. The outside of rings can be engraved up to 30 mm diameter by 12 mm wide. Complete with holders and special 120° diamond.

AC-00134 - GEM-CX and Universal Pen Holder Kit



This Pen Holding Kit fits the GEM-CX and turns it into a profitable pen engraving machine. It fits in the cylindrical drive and tailstock, enabling you to engrave pens with one or multiple lines of text.

MPT-00900 - Cup Cone 15 - 70 mm



Rubber coated resin cone, 15-70 mm. Ideal for glass, cup and small tankard engraving, fits all U-MARQ Universal, Compact, GEM-CX series and GEM-VX4 engraving machines.

AC-00101 - Bangle Attachment



Extends the use of your Inside-Outside Ring Engraving attachment to engrave Bangles up to 70 mm diameter. This accessory is only suitable for the GEM-RX series, GEM-CX series and Universal-350.

MPT-00902 - Cup Cone 85 - 120 mm



Rubber coated resin cone, 85 - 120 mm, Ideal for glass, cup and tankard engraving, fits all U-MARQ Universal, Compact, GEM-CX series and GEM-VX4 engraving machines.

AC-00113 - Swarf Extractor



Swarf Extractor to fit the spindle on the U-MARQ Universal, Compact and GEM-CX series of machines. Just fit onto an extension tube from your vacuum device, standard 12 mm ID tube required.

GT-00118 - Super Swarf Extractor



U-MARQ Super Swarf Extractor units have been developed for the safe and effective removal of swarf and smaller particles during processes such as routing, mechanical engraving, grinding etc. The pumps used in the U-MARQ Super Swarf Extractor are brushless and designed for continuous running with 30,000 hour use before servicing.

DC-00100



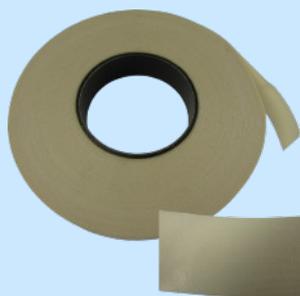
120° 11/64" x 6.5" drag diamond, general purpose for use with all metals.

DC-00103



Special 11/64" x 6.5" Glass Engraving Rotating Diamond Cutter, specially manufactured for glass engraving, gives a high quality finish with long life. Recommended to run with lubricant.

TP-00001 - Engravers Double Sided Holding Tape



Engravers double sided holding tape is ideal for holding flat material on an engraving bed. The strength comes from the textile webbing, which gives it the ability to be removed in one piece without leaving adhesive residue.

TP-00102 13mm
TP-00101 25mm
TP-00103 50mm

CC-00100



0.3mm tip solid micrograin carbide cutter 11/64" x 6.5" for general use on plastics and metals.

All prices are subject to VAT at the current rate