



*Innovation in the Engraving
and Marking Industries*

GEM-TX5

The Perfect Small Three Axes Engraving Machine

- The GEM-TX5 is the next generation of affordable engraving machines from U-MARQ. With a flat engraving area of 160 x 75 mm and self-centring vice, it's perfect for dealing with individual items or production runs.
- The U-MARQ Gem-TX5 is the fastest and easiest gift and jewellery, mechanical engraver in the World.
- The GEM was the first truly versatile, small, affordable engraver to suit any budget. The GEM-TX5 takes the next step and continues in this tradition.
- The GEM-TX5 comes with self-centring vice, jigs for holding a wide variety of merchandise (trophy plates, lighters, labels, pet tags etc.).
- The high-speed spindle motor enables you to burnish in coated metals as well as engraving in to plastics. Ease of use enables everyone to engraving tags, labels, serial number plates etc., to a professional standard, after just a few short training sessions.
- The GEM-TX software has been configured to make these normally complicated task, ease for the small engraving or industrial workshop to use to get spectacular results.



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Pet Tags

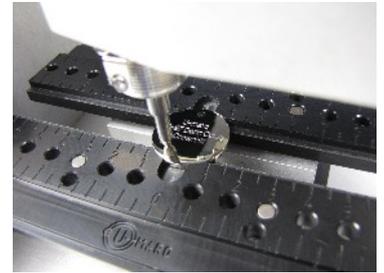
The GEM-TX5 is ideal for engraving Pet Tags quickly and efficiently with templates for U-MARQ Pet Tags, The GEM-TX will engrave most pet tags, why be restricted....

Why be restricted to a small range of tags from one supplier, with the GEM-TX5 you can engrave any type of graphic images, and logos on almost any tag, the only limit is your imagination.



Jigs

The wide range of push-fit jigs quickly clamp many items, including: medals, cufflinks, watches, trophy plates, pet and ID tags, ID bracelets, clocks, pendants, baby gifts, key fobs, lighters, and many other items. With unique pressure settings, even fine gold lockets can be engraved without fear of damage.



Technical Specifications

Flat work engraving area	160 x 75 mm (6.0" x 3.0").
Z axis travel	62 mm (2.45").
Z axis clearance	30 mm (2.0") top of beam, 50 mm (2.0") top of jaws.
Maximum vice opening	145 mm (5.7").
Spindle motor	14,000 rpm, 42 W Brushless DC motor.
Interface to PC	USB
Construction	Stainless steel spindle, lead screws and linear rails mounted on a steel chassis.
Dimensions	340 x 275 x 240 mm (13.4" x 10.8" x 9.4") with integrated controller, weight 18 kg (40 pounds).
Power Requirements	110 - 240 volts AC 3 amps into external 24 volt DC power supply.
Acoustic noise level	No-load operation: 75 dB (A) or less standby: 45 dB (A) or less.
Operating environment	Temperature: 5 to 38°C (41 to 100°F) humidity: 35 to 80 % (no condensation).
Supplied accessories	Power cable, USB cable, 120°diamond cutter, vernier nose cone, light touch, U-MARQ GEM-TX engraving software package, 24 volt DC power supply and Quick Start Guide.
Minimum PC requirements	Dedicated 2 GHz dual core PC running Windows 7, Windows 8 or Windows 10, 1 Gb RAM, 100 Mb free hard disk space.
Engravable materials	Most materials that are suitable for rotated or diamond drag.