

Innovation in the Engraving and Marking Industries

GEM-ZX5

The Perfect Small Rotary Axis Engraving Machine

The GEM-ZX5 is the next step in the range of affordable engraving machines from U-MARQ.

Ring Engraving

With its inside and outside ring engraving capacity of 12 to 28 mm, makes this the ideal retail dedicated ring engraver. The bonus for purchases of the GEM-ZX5 is a modular design allows you to add accessories to bring greater versatility to your investment.

Pen Engraving

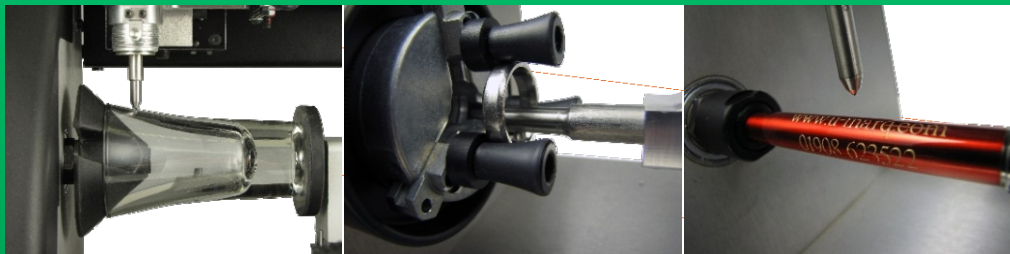
By adding the Pen Attachment you can turn your GEM-ZX5 into the complete Pen Engraver. with the capacity to engrave 360° around most engravable pens.

Cylindrical Glass and Small Cup Attachment

This will enable you to hold shot glasses, small champagne glasses, wine glasses and numerous other small cylindrical objects up to 58 mm diameter x 175 mm long and engrave them on your U-MARQ GEM-ZX5.

The supplied GEM-ZX 8 software has been configured to make all these normally complicated task, ease for the ordinary retailer or their staff to use to get spectacular results.

Note: The Pen Attachment must be purchased before the Cylindrical Glass and Small Cup Attachment can be fitted.



Optional Extras

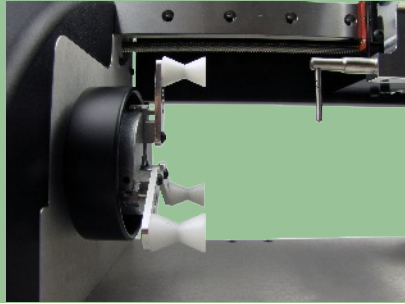
Pen Attachment

One of the challenges for a traditional 3-axis machine is how to engrave a pen, or other round objects. The U-MARQ GEM-ZX5 offers the perfect answer, by maximising the use of a 3 axis machine; it will engrave 360 degrees around a pen or other small cylindrical objects. The GEM-ZX 8 software has been configured to make this normally complicated task, easy for the ordinary retailer or their staff to use to get spectacular results.



Bangle Attachment

Extends the use of your Inside-Outside Ring engraving to engrave bangles up to 70 mm.



Cylindrical Glass and Small Cup Attachment

(Requires Pen Attachment)

Fit the shot glass attachment and the GEM-ZX5 can engrave metal and glass shot glasses up to 70 mm diameter. Personalise these gifts with text and designs to your requirements.



Technical Specifications

Maximum X Axis Travel	160 mm (6.0").
Cylindrical work size	70 mm (2.75") with Optional Bangle adapter.
Z axis travel	62 mm (2.45").
Z axis clearance	50 mm (2.0").
Spindle motor	14,000 rpm, 42 W Brushless Hall Effect DC motor.
Interface to PC	USB
Construction	Stainless steel spindle, lead screws and linear rails mounted on an aluminium and 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
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, light touch, U-MARQ GEM-ZX engraving software package, Quick Start Guide.
Minimum PC requirements	Dedicated 2 GHz dual core PC running Windows XP (with service pack 2+), Windows Vista, Windows 7, or Windows 8, 1 Gb RAM, 100 Mb free hard disk space.
Engravable materials	Most materials that are suitable for diamond engraving requiring a cylindrical axis.

Specifications are liable to change without prior notice.