U-MARQ

Universal-350

The Ultimate Volume Engraving Machine
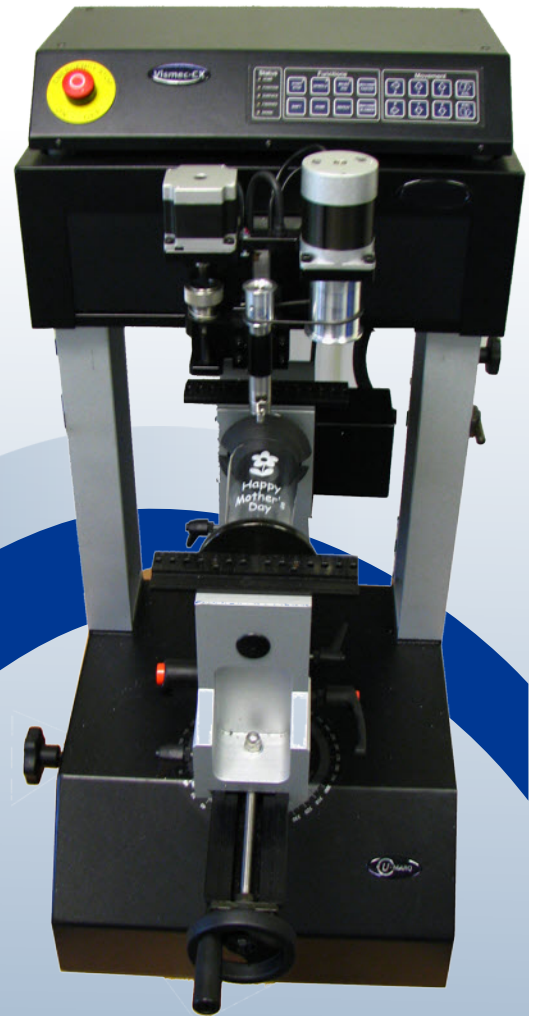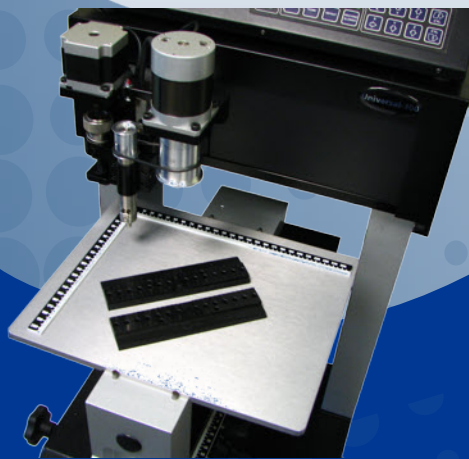
- The U-MARQ Universal-350 is a true four axis machine, giving the user unprecedented control over the cylindrical axis.
- The cylindrical axis can be angled to cope with conical shapes or used in automatic centre locating mode for regular cylinders and can be raised or lowered for unusual shaped and sized objects.
- Ideal for the Trophy Shop, Jeweller or Industrial Marking. The uncluttered design combined with the mechanical stability, enables easy engraving of large or small items.
- All this on the same system, which seconds later can be engraving lettering only a fraction of a millimetre high on delicate jewellery.
- As well as gifts and personal items, the Universal-350 will engrave large tankards, large glass bowls, brass plaques, aluminium signage multiple badges and much, much more!.
- The Universal-350 all new high quality, high speed spindle which is almost noiseless, it's ideal for the workshop or retail environment.

www.u-marq.com

The Retailer

The Universal-350 is the only real choice for the Trophy Shop and Shoe Repairer. The Universal-350 supports cylindrical, centre vice and flatbed engraving with super quick change modes with out the use of tools. With a solid spindle that can be used either rotated or non-rotated makes the Universal-350 ideal for engraving plastics, aluminium, brass, pewter, gold, silver, glass and diamond engraving of stainless steel. With a 10.5" cylindrical capacity large cups, glass, pewter tankards and trophies can be accommodated as well as small rings and bangles. The flatbed allows you to engrave a matrix of small plates or a single large plate with ease.

The Jeweller

The Universal-350 is an ideal companion to our smaller GEM range of engraving machines. The Universal-350 can be fitted with many types of jigs and accessories allowing the jeweller to engrave all manner of products including cufflinks, inside – outside of rings, pens, identity bracelets, cutlery, watch backs, money clips, business card holders, lighters, key rings, pewter tankards, champagne flutes, lockets the list is only limited by your imagination.

Industry

The Universal-350 is the ideal machine for industrial engraving and marking of flat and cylindrical parts, identification plates, graduated scales, consecutive serial numbering, tags, tools and a host of other items. With the ability to engrave with high accuracy and efficiency into a variety of materials, the uses for the Universal-350 are endless. The Universal Engraving Software has been tailored to be easy to use without sacrificing functionality, making training easy and quick.

Technical Specifications	
Flat work engraving area	240 x 132 mm (9.5" x 5").
Cylindrical work size	265 mm diameter (10.5").
Z axis travel	55 mm (2.17").
Maximum vice opening	280 mm (11").
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 a steel chassis.
Dimensions	610 H x 420 W x 840 mm (24.0" x 16.5" x 33.0"), 78 Kg (171 pounds).
Acoustic noise level	No-load operation: 80 dB (A) or less standby: 50 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, 120° diamond cutter, carbide cutter, cutter knob, vernier nose cone, light touch, 85 mm cone, face plate, standard jig, U-MARQ Universal engraving software package, Quick Start Guide.
Minimum PC requirements	2 GHz dual core PC running Windows XP (with service pack 2+), Windows Vista or Windows 7, 1Gb RAM, 100 Mb free hard disk space, 256 colour SVGA display, CD-ROM drive and mouse.
Engravable materials	Most materials that are suitable for rotated or diamond drag and some materials that are suitable for deep engraving.

This Data Sheet is correct at 1st July 2010