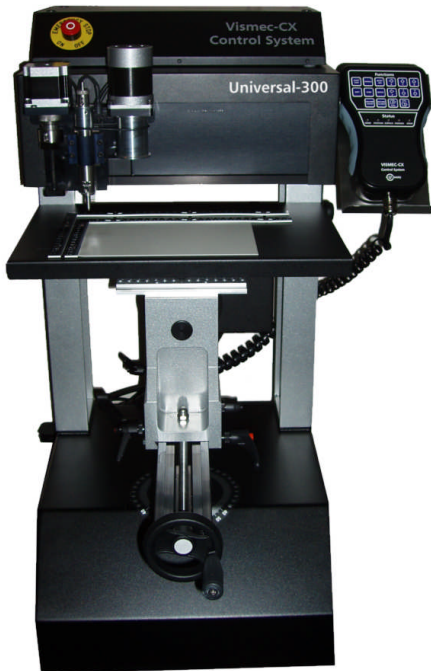


U-MARQ UNIVERSAL-300

The ultimate in computer controlled engraving



The U-MARQ UNIVERSAL-300 is a total re-work of the original design, engineered in the UK to the highest mechanical standards. The Universal-300 has seen over 50 improvements in design and operations, these include Vice Clamping, Rotary Gearboxes, Spindle Motor, Lead Screws and many others. These combined now give you a more rugged and lasting production machine. One of the most exciting upgrades to the Universal-300 is the fitting of the brand new U-MARQ Vismec-CX Control System and version 7 of the U-MARQ Universal Engraving Software. The combination of these two alone make the Universal-300 a totally unique machine. All modification that has been made to the original Universal is aimed at giving you a faster, more productive, longer lasting engraving machine. Uncluttered and sleek design ensures that engraving on large cups, salvers and swords is as simple as a trophy plate. It is easy to set up and use in any environment, where fast and efficient engraving of single or multiple items are needed.

The Universal-300 without doubt, THE BEST in its CLASS a WORLD BEATER !

Quality 4-axis product

The U-MARQ Universal-300 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 millimeter high on delicate jewelry.

IT'S REALLY IN A CLASS OF ITS OWN !

Ultimate in versatility

The U-MARQ Universal-300 Engraving Machine, takes over where our Compact leaves off. As well as gifts and personal items, the Universal-300 will engrave large tankards, large glass bowls, brass plaques, aluminum signage multiple badges and much, much more!. With its all new high quality, high speed spindle which is almost noiseless, it's ideal for the workshop or retail environment. This makes the Universal, the ultimate versatile engraving machine.



Glass

A challenge for a traditional 3-axis engraver, the U-MARQ UNIVERSAL offers unprecedented ease of use. With its true 4-axis functionality, it engraves 360 degrees around large glass bowls, large tankards any other cylindrical item, which is easily fixed in the machine.



FreeHand

Get the customer to write a signature or greeting on the tablet, then watch the Universal, engrave the item immediately, and in the customer's own handwriting. This happens without any tedious scanning and vectorising processes and is a World exclusive, with U-MARQ Engraving Machines.

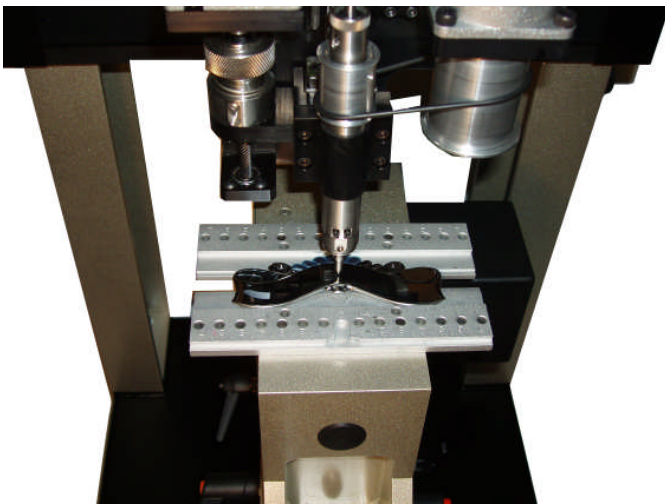
THE ULTIMATE IN PERSONALISATION

Technical specifications

| | |
|--------------------------------|--|
| Flat work size | 240 x 132 mm (9.4" x 5.2") |
| Cylindrical work size | 265 mm (10.5") diameter |
| Z axis travel | 50 mm (2.0") |
| Z axis clearance | 110 mm (4.3") top of jaws, 280 mm (11.0") top of beam |
| Maximum vice opening | 420 mm (16.5") |
| Spindle motor speed | 18,000 rpm |
| Power of spindle motor | 100W Brushless Hall Effect DC motor |
| Feed rates | Variable, electronically controlled micro stepping, up to 116mm/sec (4.5") |
| Interface to PC/Laptop | Serial and USB (with adapter) |
| Mechanics | Stainless steel spindles and lead screws, steel chassis |
| Cutable materials | Resins, plastics, wood, plaster, aluminum, brass and steel etc. |
| Dimensions | 610 H x 420 W x 840 mm (24.0" x 16.5" x 33.0"), separate controller, total weight 65 kg (140 pounds) |
| Supplied accessories | Power cable, serial cable, DC04 diamond cutter, 5 x STC3 carbide cutter, 5 x cutter knob, nylon nose cone, light touch, WHJ1 Standard Jig, WHJ2 Jewelry Jig, WHJ3 Watch/Medal Jig, WHJ7 Pen Jig, Tray pins, CC1-2-3-4 cup cones, U-MARQ Universal engraving software package, Quick Installation Guide and Reference Manual in PDF format. |
| 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 |

Our Aim

We are committed to provide our customers with systems for quality engraving, regardless of their type of business or personal skill. This combined with machines that are feature rich but easy to use! Manufactured to the highest quality standards at the most affordable price! Using the most innovative and up to date in-house technology! At the best possible prices!



New business opportunity

An instant engraving system can pay itself back in less than three months. By delivering less than ten personalized items each day. As this is less than what the system can do per hour, the payback can be even faster; depending on how visible to the customers, this new opportunity is made.

About U-MARQ

U-MARQ Ltd., manufacture their entire product range in the United Kingdom. All Software and Electronics are developed by U-MARQ Ltd at their offices in Copenhagen and Milton Keynes. Our aim is to provide you with the best designed, best quality products at the outstandingly low prices, to enhance the profitability in your business. We do this by using our in-house expertise in Electronic and Software design with innovative Mechanical design and Production Techniques.



This data sheet is valid from May 2006, subject to change without notice.