

EtchMasterUSB™

Digital Etching Unit



SPEC2000

Applications Include:

- Component identification
- Component traceability
- 2-D Data Matrix Code marking
- Logo design marking



Quality mark without workpiece distortion

Compatible with Data Matrix technology

Easy and quick to use

Needs little or no maintenance

Light and portable

USB Connectivity allowing download of settings from PC to unit

DC & AC in one operation

6 to 30 Volts

0-10 Amps

0-30 Seconds

Auto actuation output

Peristaltic pump output for auto fluid delivery

Visible and audible cycle completion

Spark suppression

Established technology

Pryor has been manufacturing electrolytic marking machines since the inception of the technique. The EtchMasterUSB™ Digital Etching Unit represents the best value for marking quality and machine versatility available in a simple workshop system.

Wide range of materials

The electrolytic marking process works on almost any electro-conductive material. Commonly used to mark stainless steel, steel, aluminium and carbide, the EtchMasterUSB™ Digital Etching Unit guarantees a high quality of finish regardless of surface hardness. Both output voltage and waveform are selectable, enabling the operator to establish the best mark possible, including white marks on various materials.

Because electrolytic marking does not deform the surface of the material, it is suitable for use in applications where deformation marking

may exceed tight tolerances on dimensions, as in shims and feeler gauges.

Pryor have carefully developed a range of electrolytes in order to achieve the best possible mark on all materials. Pryor electrolytes are non-harmful, and safe for everyday use.

Electrolytes are available in 1litre bottles, 250ml bottles, and powder form for ease of transport.

From brass and aluminium to steel and carbide, Pryor has an electrolyte to suit every material. If your material is not represented above, please ask and we will be happy to recommend a solution for you.

Stencils

Pryor produce a range of stencils for use with any electrolytic marking machines: *Waxed paper stencils* – for short runs of simple marks.

Photographic stencils – for long runs and more complex marks, especially logos including fine detail.

Also available are Print On Demand stencil printers for short run stencils. Stencil printers are available to produce both Standard and Premium stencils. These printers use the latest in software to enable 2D Data Matrix Code stencils to be produced. This allows electrolytic marking to be used to add traceability and coding to the latest specifications.

Accessories

Graphite electrodes, stencil pads, cleaner / inhibitor solution, marking plates and all other accessories are available from Pryor. Electrodes and custom plates can be manufactured to order in our own specially equipped machine shop.

Workstations

The Pryor Etchmaster Workstation is a portable all in one etching solution, powered using a single 110/220v supply.

The lockable cabinet houses the PC, and the flat panel LCD screen supplies the user with our simple to use Etch2Read software interface



which has been specially developed by Pryor for Data Matrix part marking and traceability.

Software Options

Windows based EtchMaster-Pro™ layout creation software

- Graphical and textual interfaces provide ease of use
- Support for all windows based printers
- Support for Visual Basic scripting
- Direct control over EtchMaster USB hardware and other third party devices
- Barcode and Data Matrix including support for UID specification
- Graphical CAD file imports
- Flexible variable modes including serial numbering and time/date
- All True Type fonts supported as well as several vector formats

Windows based Etch2Read™ (E2R) process control software

- Incorporates hand held Data Matrix reader software
- User Friendly Graphical and textual interface
- Supports all windows based printers
- Duplicate serial number checking
- Inbuilt data format and syntax checking
- Built in, powerful database features
- Developed to comply with the following supported Standards: ISO16022, AS9132, ISO15415, ISO15434, MIL130 (IUID requirement) and ATA-Spec 2000



PRYOR Marking Technology

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Marks Pryor Marking Technology PVT. Ltd - India web: www.markspryor.com

Monode Pryor Traceability LLC - USA web: www.monodepryortraceability.com

Pryor provide a single source of supply for marking products, services and support. Manufacturers of a complete portfolio of marking goods, Pryor's success is built on providing solutions for all types of marking applications ranging from those requiring only a simple hand operated punch through to fully integrated computer controlled turnkey marking systems. Supported by a network of distributors worldwide, Pryor offer a total commitment to quality and service.

The difference is Pryor knowledge

www.pryormarking.com