LCD Markmate

A bench mounted, fully programmable dot marking machine in a low cost simple to use package. No PC required

- Cost Effective Direct Part Marking
- Simple to use LCD menu system
- Quiet, Fast Effective Marking
- Large 100mm x 75mm marking envelope gives scope for marking large amounts of data.
- Stepper motor driven X & Y axis, adjustable Z axis allows multiple height components to be marked.
- Programmable Electric Solenoid with 9 depth settings.
- 240v/110v single phase supply (no pneumatics required).
- Low running costs and virtually no consumable costs.
- Advanced operating software with standard features incl. serial numbering, passwords, arc marking, time/date marking etc.
- Separate controller protects electronics from shock loading of mechanical marking operation.
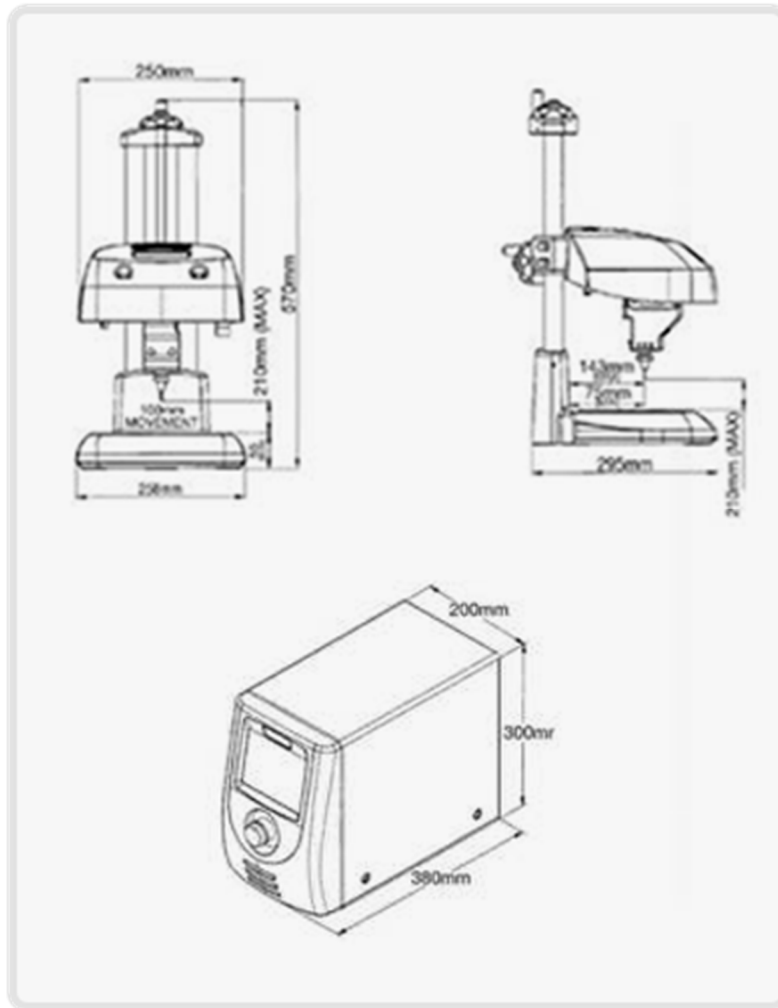- Wide Range of Options

Technical Specification

- Marking Area: 100mm x 75mm
- Std. Character Sizes: 0.18mm – 99.9mm in increments of 0.18mm
- Marking Formed: 5 x 7, 7 x 9, Varidot, HPGL, BMP Logos
- Marking Speed: Variable, depends on application
- Memory storage of up to 600 marking programs

- 2 x RS232 and Digital I/O (8 In 6Out) Connectivity
- On-screen mark preview and trial-run features.
- Weight: Marking Machine – 13kg Controller – 7Kg

Application

- Programmable marking
- Component identification
- Component traceability
- Serial numbering
- Logo marking
- Security marking
- Health & safety appliance marking
- Certification marking
- Decorative trophy and award marking
- Time and date marking
- Part numbering
- Batch and shift coding
- Calibration systems
- Label and tag marking

The Marktronic MarkMate has been designed to offer the flexibility and benefits of dot marking technology in a low cost, simple to use package.

The build quality and mark precision are second to none for this type of machine.

The MarkMate consists of three basic building blocks, marking head, base & column and the controller.

The Marking Head is available in a large 100 x 75mm size, being driven by an accurate lead-screw arrangement. For components requiring a deeper mark there are 9 levels of force to choose from. The marking styli are available in a range of lengths to suit different applications.

The Base and Column facilitate the manual z-axis adjustment to allow for components of differing heights.

The Controller is a separate unit to ensure it is protected from the mechanical shock loading of the marking operation. The easy to use software allows for 5 font types and up to 600 layouts to be stored. Available in a variety of languages (including English, French, German, Spanish, Swedish, Finnish, Italian, Cyrillic and Czech), the software also contains features such as serial numbers, date and time marking and password protection.

The machine comes with a comprehensive 12 months parts and labour warranty, with additional optional maintenance contracts tailored to individual customer requirements.

Wide Range of Options

Standard hardware options include :

- Spring Balance and bracket for ease of use
- 6 meter umbilical cable option.
- Remote Start/Stop Box
- 'V' Face plate for marking round components
- Custom designed fixtures are also available on request.
- 100mm & Custom Extended Nosepiece and Styli
- Windows Operating Software
- Barcode scanner to simplify data entry
- TCP/IP (10BaseT) Ethernet Module for 3000 controller
- DataMouse™ Pro Direct Part Mark DataMatrix Reader (PC Required)
- Extended Warranty packages available