

Robust  
Portable  
Highly Flexible  
Easy to Use  
Fast, Efficient Marking  
Wide Range of Options  
Laser Marking Window



## PortaDot 100-75EH / PortaDot 100-75DPH



### Portable Dot Marking System

Portable, fully programmable dot marking machines for use in all environments where bringing the marking device to the work piece is a prerequisite. Uncompromising build quality ensures the Marktronic™ PHD2 Portadot™ 100-75 portable marking system is tough enough for the harshest of industrial environments.

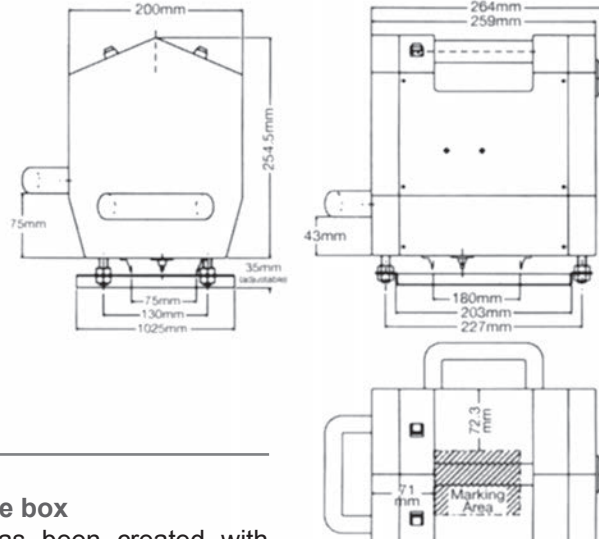
#### Applications Include:

- Steel Stock Marking • Chassis Marking • Cast & Forge Marking • Programmable Marking
- Component Identification • Component Traceability • Serial Numbering
- Time & Date Marking • Batch & Shift Coding • Part Numbering

intelligent marking solutions

## TECHNICAL SPECIFICATIONS

<b>Marking Area</b>	100mm x 75mm
<b>Character Sizes</b>	0.18mm - 99.9mm in increments of 0.18mm
<b>Marking Formed</b>	5 x 7, 7 x 9 or Varidot
<b>Marking Speed</b>	Depends on application
<b>Memory Capacity</b>	LCD: 1350 layouts
<b>Windows</b>	Dependant on hard disk capacity
<b>Weight</b>	Marking head/cable: 12kg Controller: 10kg
<b>Electrical Supply</b>	240v 50hz, 110v 60hz
<b>Dimensions</b>	Marking head: 264mm x 200mm x 254 mm Controller: 375mm x 335mm x 132 mm



### Technology

The P100-75H and P100-75HD (Heavy duty) are fully programmable dot marking machines easily moved from one application to another around any industrial/commercial site. The P100-75H model is equipped with an electromagnetic dot marking assembly (only electric source). The P100-75HD is pneumatic and is recommended when very deep marking is needed (up to 1.5 mm in steel).

### Portable

The robust aluminum marking head protected in a metal case allows the P100-75H or P100-75HD to be used in harshest of industrial environments reducing the need to transport heavy items requiring marking to the marking machine.

### Highly Flexible

The 100mm by 75mm marking area suits most marking applications from a single programmable system. Variable force control to ensure optimum mark depth for all engineering materials up to 62Rc (800 Hv). The lead-screw driven marking head guarantees dot precision unmatched on other similar portable systems.

### Easy to use out of the box

The sturdy design has been created with ease of use in mind. High functionality software ensures operator training is minimized and production efficiency is maximized. The multilingual user interface allows users to choose between different character fonts and type sizes as well as angular and arc marking, serial numbers, date and time marking.

### Wide Range of Options

Standard hardware options include Vee plates for marking round components, base and column for bench mounted applications. The standard electric actuation system can be upgraded to a heavy duty option or pneumatic marking if deep marking is required. The Windows Software option allows users to control the system through a familiar PC windows interface enhancing networking and data storage capabilities. Extended warranty packages available. Custom design fixturing is available upon request.



*When identification is critical for traceability or product impact, a quality mark is required. Monode combines creative engineering with a full range of marking solutions to meet your needs. Over a half-century of progress as a trusted "parts marking problem solver" ...that's Monode!*



**Quality Marking Equipment with  
Integrated Machine Vision Solutions**