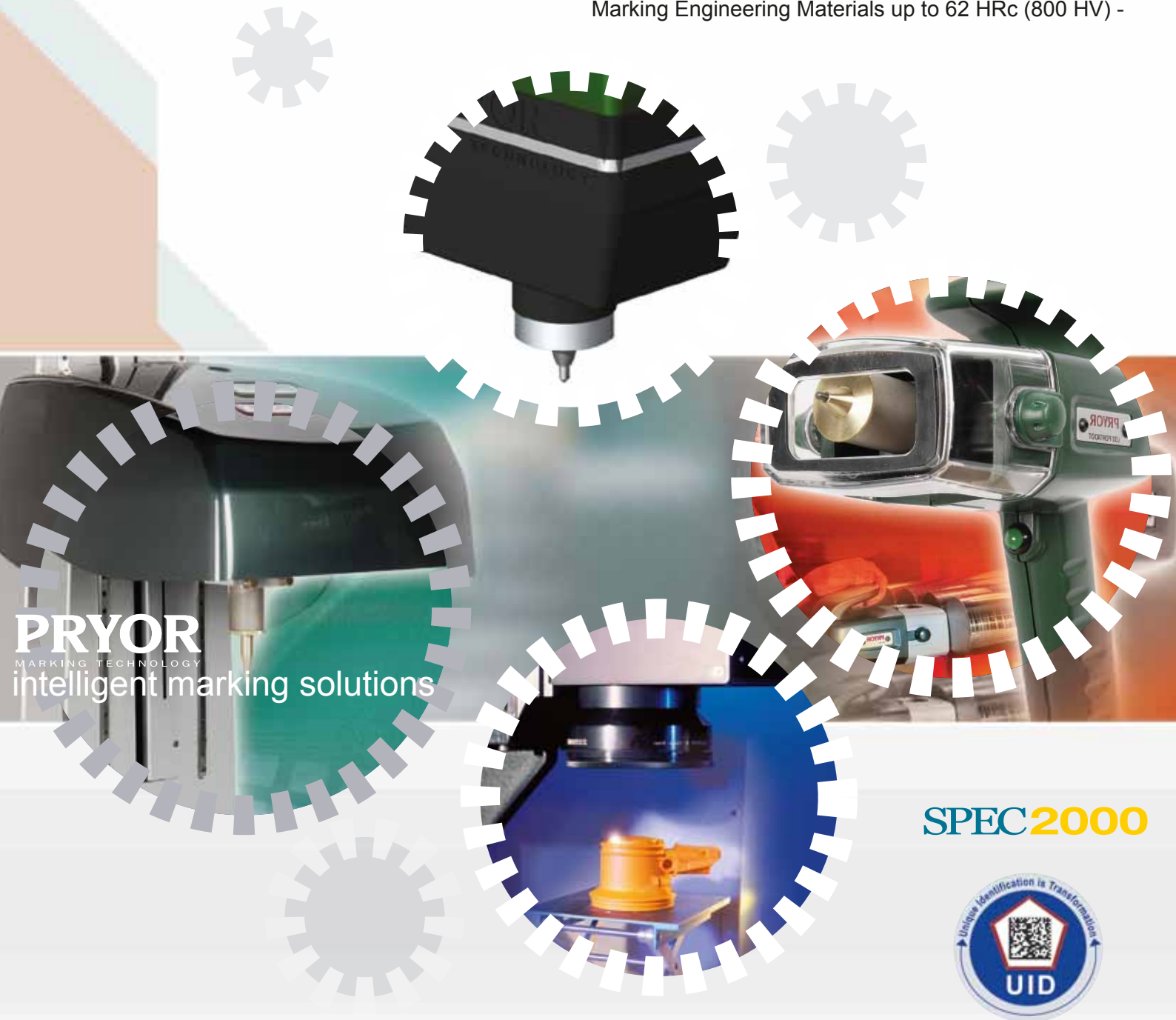


Marktronic™ 3000 Marking Machines

Featuring:

- Quiet, Fast, Efficient Marking -
- Marking Area up to 300mm x 150mm -
- Electric Solenoid With Programmable Force Control -
- High Precision 2D Data Matrix Capability -
- Simple to Use Programmable Control System -
- Various Connectivity Options for Easy Integration With Data Management Systems -
- Marking Engineering Materials up to 62 HRc (800 HV) -



Light Weight
Portable
Highly Flexible
Easy to Use
Quiet, Fast, Efficient Marking
Wide Range of Options

PRYOR
MARKING TECHNOLOGY

Marktronic™ PortaDot™ 50-25E



PortaDot™: Portable Dot Marking System **Marktronic™ PortaDot™ 50-25E**

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 and lightweight design ensure the Marktronic™ PortaDot™ 50-25 Portable marking system is suitable for use in virtually any environment.

Applications Include:

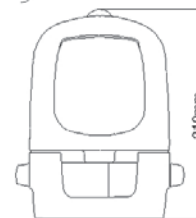
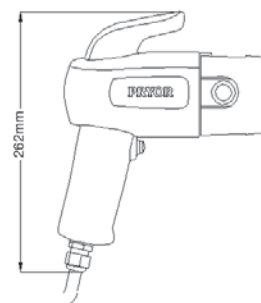
- 2D Data Matrix marking • Component traceability • Steel Stock marking • Serial numbering
- Chassis marking • Time and date marking • Cast and forge marking • Batch and shift coding
- Programmable marking • Part numbering • Component identification

intelligent marking solutions

Technical Specifications

(For more technical details please see our website)

Marking Area:	50mm x 25mm
Character Sizes:	0.15mm - 24.9mm in increments of 0.15mm
Marking Formed:	5 x 7, 7 x 9, Varidot, 2D Data Matrix
Memory Capacity:	LCD: 1350 layouts
Weight:	Marking head/cable: 2.3kg Controller: 10kg
Electrical Supply:	240v 50hz, 110v 60hz
Dimensions:	Marking head: 262mm x 210mm x 172 mm Controller: 375mm x 335mm x 132 mm



Technology

The PortaDot™ 50-25E is a fully programmable dot marking machine easily moved from one application to another around any industrial/commercial site. The well established dot marking technology has been engineered to fit into the most compact programmable marking solution available from Pryor.

Light Weight

Weighing only 2.3 kgs the Portadot™ 50-25E ensures operator fatigue is minimised while productivity is maximised.

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.

Portable

The patented aluminium marking head protected in a tough polymer case allows the Portadot™ 50-25E to be used in most industrial environments reducing the need to transport heavy items requiring marking to the marking machine.

Highly Flexible

The 50mm by 25mm 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 62 Rc (800 Hv). The lead-screw driven marking head guarantees dot precision unmatched on other portable systems meaning the Portadot™ 50-25E is capable of 2D DataMatrix code marking applications.

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 minimised and production efficiency is maximised. 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.

Quiet, Fast, Efficient Marking

Requiring no compressed air supply and powered only by a standard 220 volt (110 volt available) electric source the Portadot™ 50-25E is both highly efficient, and is significantly quieter than pneumatically actuated systems.



Marktronic™ 3000 BenchDot™ Range



Marktronic™ Bench-Top Dot Marking Range

BenchDot 60-60E / BenchDot 100-100E / BenchDot 150-150E / BenchDot 300-150E
 BenchDot 60-60EZA / BenchDot 100-100EZA / BenchDot 150-150EZA / BenchDot 300-150EZA
 BenchDot 100-100EZAV / BenchDot 150-150EZAV / BenchDot 300-150EZAV
 BenchDot 60-60DP / BenchDot 100-100DP / BenchDot 150-150DP / BenchDot 300-150DP

SPEC2000



intelligent marking solutions

Marktronic™ BenchDot™ Range

BenchDot™ series are robust dot marking machines designed for accuracy, speed, power and reliability. All models include a high quality ball screw mechanism with unique twin linear rails and twin linear bearings on each axis and a rigid cast column and base.

Wide range of marking windows

BenchDot™ series are available with standard marking windows of 60x60mm, 100x100mm, 150x150mm and 300x150mm.



BenchDot™ E series: Electromagnetic dot marking

- Runs on standard mains current – no air supply required
- High consistency of marking depth
- Fully controlled number of dots per character and dot location
- Quieter than pneumatically operated machines

Models:

60-60E 100-100E 150-150E 300-150E



Data matrix code using BenchDot™ series machine

BenchDot™ EZA series: Electromagnetic dot marking, digital Z axis with AutoSense™

- Based on “E” series
- Powered programmable Z digital axis (marking head height adjustment)
- AutoSense™ system allowing self adjustment to variation of part batch height with the best precision, repeatability and consistency (especially well suited to Data Matrix marking)
- Mark different part levels with no manual adjustment

Models:

60-60EZA 100-100EZA 150-150EZA 300-150EZA



AutoSense™ Unit

BenchDot™ EZAV series: Electromagnetic dot marking, digital Z axis, AutoSense™ and VeriSmart™

- Based on “EZA” series
- Integrated in-process Data Matrix verification system (VeriSmart™)
- International standards: AS9132, JES131, AIM-DPM-Guideline, MIL-STD-130, ISO15434, ISO16022
- 5 mega-pixel sensor allows the verification of a wide range of codes
- Mark2Verify™ Windows® software provides simple traffic light feedback to the operator, verification results and advanced features

Models:

100-100EZAV 150-150EZAV 300-150EZAV



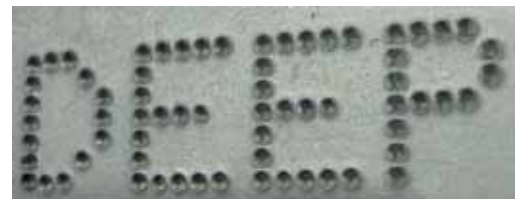
Traffic light feedback screen in Mark2Verify™

BenchDot™ DP series: Deep Pneumatic dot marking

- Pneumatic very deep marking: up to 1.5 mm in mild steel

Models:

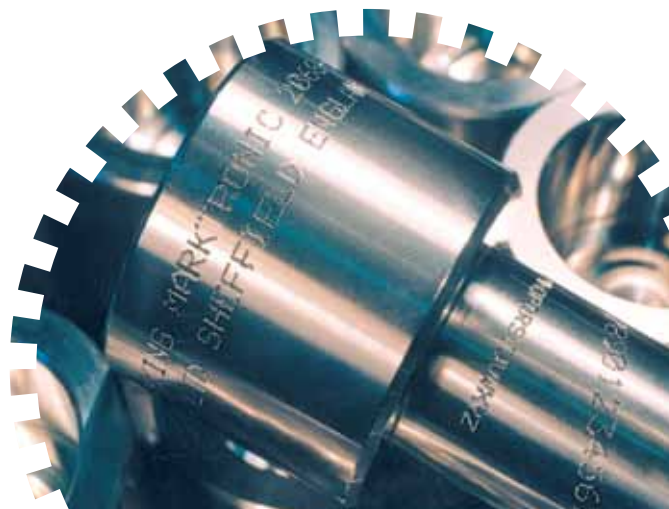
60-60 DP 100-100DP 150-150DP 300-150DP



Deep mark with BenchDot™ DP series machine



Mark using rotary axis and BenchDot™ series machine



Dot Marking Technology

Dot marking creates the mark by indenting a series of dots into materials to form alphanumeric characters, logos or 2D Data Matrix codes.



Marking software features

- Multilingual user interface
- Straight, angled, arc & reverse marking
- Programmable character height and width: 0.15mm to 99.9mm in increments of 0.15mm
- Adjustable marking force (marking depth)
- Basic range of machine fonts (5x7, 7x9, Varidot + OCR versions) on embedded systems and full range of installed True Type fonts available in MarkMaster™ PC Systems)
- Time and Date marking in various formats
- Variable and serial number marking
- Data Matrix coding
- Vector graphics & logos (.plt file format on embedded systems and .plt & .dxf on MarkMaster™ PC Software)

Applications

- Permanently mark almost all engineering materials up to 62 HRc (cast iron, stainless steel, aluminium and titanium alloys, plastics...)
- Serial numbers, date codes, product reference, company logo, shift code, material batch...
- Identify small to large batches of components
- Marking on flat to uneven surfaces
- Circumferential marking device available (see options)

3000 Controller and interface

- No need for a PC
- Full Qwerty membrane keyboard (possibility of external keyboard)
- Very large and high contrast graphical screen allowing easy programming & previewing of marks
- Up to 1350 layouts (files)
- 2 x RS232 communication port
- Digital I/O (8 Input, 6 Output)
- Ethernet TCP/IP (optional)
- Vector graphics/logo import facility (.plt/.hpgl)

MarkMaster™ PC software (Optional)

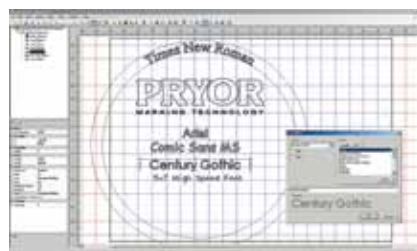
Optional Windows® based software. PC connected to 3000 controller

Among extensive features:

- Drag and drop graphical interface
- Advanced trial run
- Graphics tools
- Vector graphic/logo import facility (.hpgl/.plt & .dxf)

MarkMaster™ Advanced (Optional)

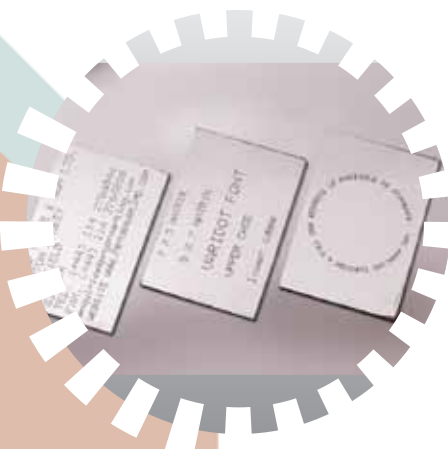
- Supports all Windows true type fonts
- Database connectivity for marking data queries
- Database connectivity for duplicate data checking
- Security Password features
- Data logging for marking report generation



User interface in MarkMaster™ (Advanced) software



3000 series controller



BenchDot™ systems are extremely versatile with the ability to mark almost any shape part



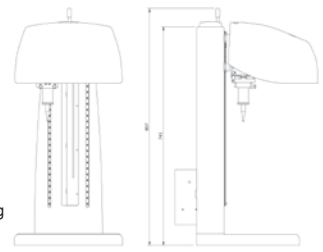
Marks Using BenchDot™ with 3000 Controller

Technical Specifications

(For more technical details please see our website)

Weight: Marking head/table/column: 34kg Controller: 10kg
Electrical Supply: 220v 50Hz, 110v 60Hz
Marking Area: 60x60mm / 100x100mm / 150x150mm / 300x150mm

Max. stylus pin to base distance is 415mm (Using 50mm stylus)



Options/accessories

Stylus options:

Solid carbide styli, with 50, 100 & 150mm lengths and tip angles of 60, 90 & 120 degrees as standard. All styli are available with sharp tips for standard set-ups or with custom radius to minimise stress on materials and comply with IAQG standards. Other types & sizes can be made to order if required.

Circumferential (Rotary) axis:

Rotary attachment to allow marking around shafts, tubes and other circular components.

Automatic tag/plate feeder:

Electric or pneumatic fixture for automatically loading, clamping, marking and ejecting name plates and labels.

Standard Label Fixture:

Simple manually operated label fixturing.

Magnetic Bed Fixture:

Manually activated magnetic base plate, for holding ferrous items.

Data Matrix readers and verifiers:

hand held, modular or station readers and verifiers complying to all established standards of data matrix coding

Bar-code reader:

For retrieving marking information or commands from bar-codes. Directly connected to 3000 controller on embedded systems or PC when using MarkMaster™.

Cold colour foil feeder:

For high contrast coloured marking on plastics & other suitable materials

T-slotted tables:

Extruded or machined aluminium T-slotted base

TCP/IP Ethernet connection:

10 BASE-T Ethernet port for connection to networks & PLC systems over long distances.

MarkMaster™ Windows® software:

MarkMaster™ Advanced Windows® software (see inside)

Customised solutions:

Pryor have extensive mechanical and software resources dedicated to custom marking and traceability



Also available from Pryor Marking Technology:



PortaDot™ Series



Laser Series



Manual and Press Marking



InDot™/InScribe™ Series



Electro-Chemical Etch Series



Very Fast

Robust

Deep Marking

Large Marking Window

Electromagnetic (No Air)

PRYOR[®]
MARKING TECHNOLOGY

Marktronic™ 3000 PortaDot™ 130-30E Marktronic™ 3000 PortaDot™ 130-40E



PortaDot™: Portable Marking Machine

Marktronic™ PortaDot™ 130-30E

Marktronic™ PortaDot™ 130-40E

Portable and powerful dot marking machine capable of indenting components with deep marks.
Robust mechanism and steel housing especially well suited to industrial applications.
Electric Solenoid (no air connection) and large marking area

Applications Include:

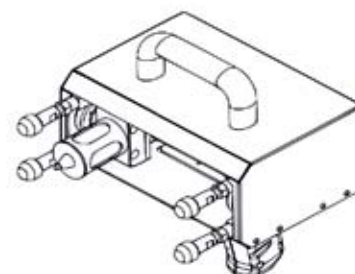
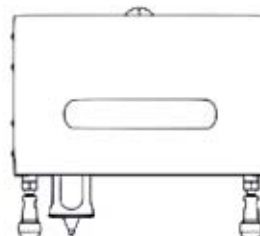
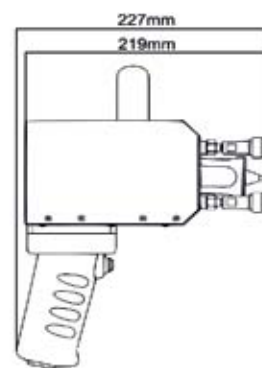
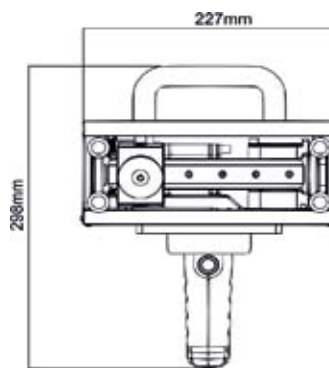
- 2D Data Matrix marking • Component traceability • Steel stock marking • Serial numbering
- Chassis VIN marking • Time and Date marking • Cast and forge marking • Part numbering
- Batch and Shift coding • Programmable marking • Component identification

intelligent marking solutions

Technical Specifications

(For more technical details please see our website)

	130-30	130-40
Marking Area:	130mm x 30mm	130mm x 40mm
Stylus Length:	50mm	100mm
Character Sizes:	0.30mm - 99.9mm in increments of 0.30mm	
Marking Formed:	5 x 7, 7 x 9, Varidot, OCR fonts	
Memory Capacity:	3000 Controller: 1350 Layouts, PC: Unlimited	
Weight:	Marking Head: 5kg Controller: 10kg	
Electrical Supply:	220 50Hz, 110v 60Hz	



Robust and Fast

- Professional design for industrial applications
- Robust components in steel housing
- Very fast and accurate
- High torque motors and precision lead screw

Powerful Electromagnetic Dot Marking

- No air, just one standard electrical supply
- Deep permanent marks
- High consistency of marking depth
- Fully controlled number of dots per character and dot location
- Mark most engineering materials, plastic to 62HRC steel
- Quieter than pneumatically operated machines

Excellent Marking Quality

- Highest marking legibility of numbers and letters
- Company logo marking with high precision
- Excellent Data Matrix marks, improves reading rate

Highly Flexible

- Large marking area of 130x30mm or 130x40mm
- 3 meter cord
- Convert to bench-top machine with base and column option

Easy To Use Out Of The Box

- User friendly software reducing operator training
- Software preloaded in controller

Controller and Interface

- 3000 series controller with membrane keyboard, screen and software
- No need for a separate PC
- Very large and high contrast screen allowing preview
- 2 x RS232, Ethernet TCP/IP (optional) and digital I/O ports
- Windows[®] PC based software available

Marking Software Features

Among extensive features available as standard:

- Straight, angular and arc marking, Data Matrix codes
- Logo marking - PLT files
- Serial numbers, date and time marking
- Choice of character definition and size marking force

Options

- Column and base
- 6 meter cable
- Barcode reader
- TCP/IP Ethernet network port
- Electromagnetic clamping
- Customized part locating or clamping



Fast
 Highly Accurate
 Robust
 Wide Range of Options
 2D Data Matrix Code (InDot™ Only)

PRYOR
 MARKING TECHNOLOGY

Marktronic™ 3000 Integrator Range



Integrator Product Range:

InDot™ : Dot Marking

Marktronic™ InDot™ 50-25E
 Marktronic™ InDot™ 60-60E
 Marktronic™ InDot™ 150-150E
 Marktronic™ InDot™ 130-30E
 Marktronic™ InDot™ 130-40E

InScribe™ : Scribe Marking

Marktronic™ InScribe™ 60-60SP
 Marktronic™ InScribe™ 150-150SP
 Marktronic™ InScribe™ 140-40SDPH

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Technical Specifications

(for more details, please visit our website)

Marktronic™ 3000 Integrator Range

Marking Area:

InDot™ : Dot Marking

50-25E – 50mmx25mm

60-60E – 60mmx60mm

150-150E – 150mmx150mm

130-40E – 130mmx40mm

InScribe™ : Scribe Marking

60-60SP – 60mmx60mm

150-150SP – 150mmx150mm

140-40SDPH – 140mmx40mm

Character Sizes:

0.18mm – 49.9mm in Increments of 0.18mm

Marking Formed:

5 x 7, 7 x 9, or Varidot

Continuous Line (InScribe™ Only)

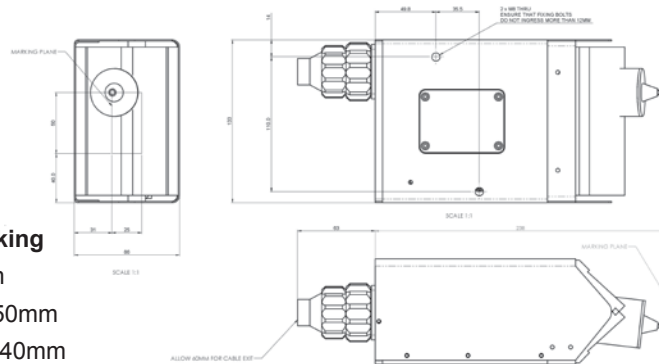
Memory Capacity:

No. of layouts 1350

Electrical Supply:

200v 50Hz, 110v 60Hz

InDot™ 50-25E



(You can download a more detailed drawing along with CAD files on our website)

Technology

The Marktronic™ 3000 Integrator Range are fully programmable dot and scribe marking machines, which can be integrated into any existing industrial/commercial application.

Simple to use

The compact design has been created with ease of use in mind. High functionality embedded software or PC Windows option ensures operator training is minimised and production efficiency is maximised. 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.

2D Data Matrix Code Marking

The lead-screw driven marking head guarantees dot precision second to none, making the dot marking Integrator Range capable of meeting the rigorous demands of 2D Data Matrix Code Marking.

Quiet, Fast, Efficient Marking

The electrically actuated dot marking integrators (InDot™) require no compressed air supply and operate from a standard 220v/110v electric source. The InDot™ range is both highly efficient and significantly quieter than pneumatically operated dot pen systems. The programmable force feature provides accurate marking depth control making the dot marking integrators perfect for high quality direct part marked Data Matrix codes.

The scribe marking range (InScribe™) uses a pneumatically actuated diamond or carbide pin to create a continuous line mark by scribing the mark into the material. The process is high speed, virtually silent and creates a high quality mark on a wide range of materials. The SP (Standard Pneumatic) range uses a diamond or carbide tip and is ideally suited to marking small to

medium characters. The SDPH (Scribing - Deep Pneumatic - Heavy Duty) range features a powerful carbide tip actuator with a robust high torque motor driven X-Y mechanism. Originally developed for VIN marking applications, the 140-40SDPH model is perfect for high speed, deep marking applications.

Highly Flexible

Suits most marking applications from a single programmable system. Variable force control to ensure optimum mark depth for all engineering materials up to 62 HRC (800HV). The precision ball screw driven marking head guarantees dot precision unmatched on other systems.

Integration Features

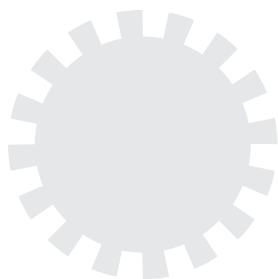
The dot marking Integrator control unit provides many interfacing options and modes of operation. The controllers 24v digital input/output port features 8 inputs and 6 outputs. These can be programmed using a simple scripting language for custom machine control. The 2 x RS232 serial ports may also be configured for downloading marking data and controlling the marking system. In addition, an optional TCP/IP Ethernet port allows multiple systems to be controlled from a central server.

Wide Range of Options

Hardware, software and after sales options ensure the dot marking Integrator meets your exact needs.



3000 series controller



Data matrix with the InDot™ model



Deep scribe marking with InScribe™ 140-40SDPH

EtchMasterUSB™

Digital Etching Unit



SPEC2000



Applications Include:

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

intelligent marking solutions

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



Laser Marking Range



SPEC2000



intelligent marking solutions

Technical Data (Please Refer To Website for More Information)

Laser Systems

Laser	Pulsed Fibre Laser		Nd:YVO4 Laser	
	YF10	YF20	MP10	HP20
Laser Type	Ytterbium Fibre	Ytterbium Fibre	Nd:YVO4	Nd:YVO4
Wavelength	1060-1070nm	1060-1070nm	1064nm	1064nm
Power	10W	20W	10W	20W
Freq Range	20-100kHz	20-50kHz	10-100kHz	20-200kHz
Spot Diameter	25-80um	25-80um	45-100um	45-150um
Beam Quality	M2<2	M2<2	M2<2	M2<2
Cooling	Air Cooled	Air Cooled	Air Cooled	Air Cooled

Marking Area

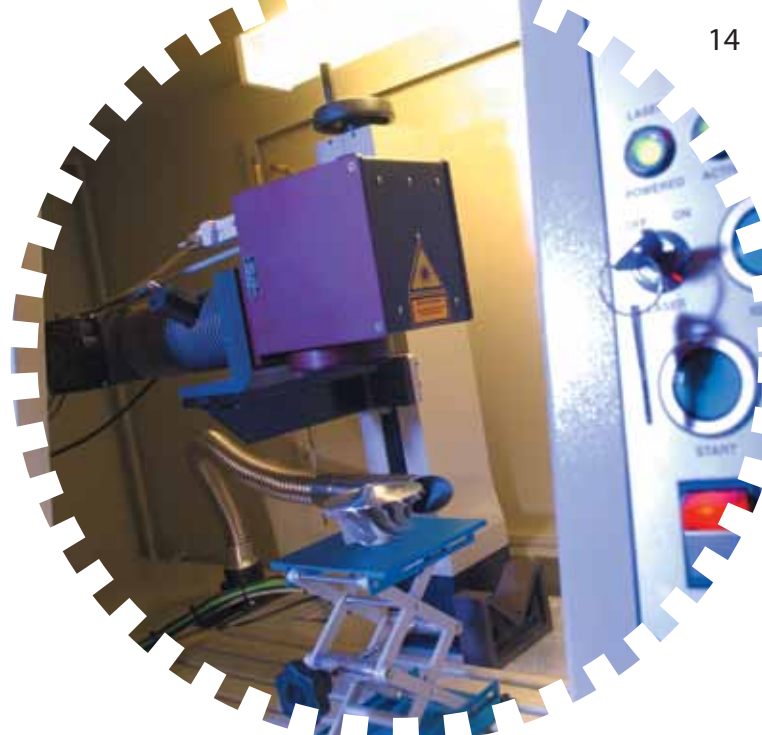
f=100mm	55 x 55mm	60 x 60mm
f=160mm	100 x 100mm	110 x 110mm
f=254mm	160 x 160mm	180x180mm

Investment in Service and Support

Reliability in design and high energy efficiency helps to prevent breakdown and has eliminated the need for scheduled maintenance. Comprehensive breakdown cover, backup systems and contract support are available if problems occur, along with technical help and support from the trained service and support teams.

Pioneering Developments in Marking

PRYOR has a multi-disciplined team of engineers and scientists performing pioneering work in the field of marking, identification and traceability. With worldwide manufacturing, distribution and support, PRYOR has supplied marking systems to all five continents.



Product Enhancement and Variance

The highest quality of mark achieved by laser marking is also exceptionally consistent and fast, with a diverse range of marking content possible on materials including metals, alloys, plastics, carbides, ceramics and glass.



Knowledge and Experience

With an extensive range of market leading laser systems, PRYOR have over 20 years experience in designing and manufacturing laser marking equipment as both stand alone and custom designed turnkey workstations. A comprehensive range of OEM laser marking systems, integration kits and accessories are also available.



Yb:Pulsed Fibre Laser

- Compact and easy to integrate
- Maintenance free, no consumables
- Exceptional diode life
- Lower capital investment
- Excellent permanent mark on a wide range of materials

Nd:Yv04 Diode Pumped Laser

- Excellent beam quality
- Higher peak power
- Wide frequency range
- Reduced thermal effects
- Higher consistency
- Shorter pulse widths



PRYOR Desktop Enclosure (Compact)





Planning the Development of Software

The development philosophy applied with PRYOR Laser Professional Software is to offer a package that is quick and simple to use, incorporates a comprehensive range of useful and advanced features, supplied with an innovative package of training tools.

- True Type Fonts
- High Speed Single Line / Double Line Fonts
- CAD Logo Graphics Files
- Library of 1D Barcodes
- Library of Data Matrix codes (Square and Rectangular)
- Polygon Shape Marking
- Arc Marking
- Easy Serial Number Marking

- Variable Marking
- Extensive Materials Settings Library
- Advanced Graphical Manipulation Capabilities
- 1:1 On Screen Scaling Option
- Illustrated On Screen Help Guide
- 4 and 6 Axis Control Options Including X,Y,Z, Circumferential (X2, Y2 Axis Control Options).
- Auto-Start Fume Extraction and Purification System
- Visual Basic Programme Link
- Customised Software Options
- Data Matrix and Verification
- ATA-Spec2000
- MIL 130 UID Compliant



PRYOR Benchtop Enclosure (V3)

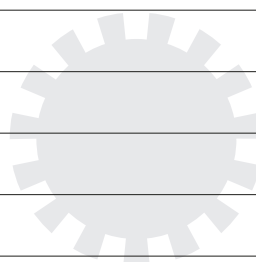


PRYOR Floorstanding Enclosure (V2)



About PRYOR

- A world-leading manufacturer of quality industrial marking equipment for permanent part identification, enabling cradle to grave traceability of product.
- Founded in 1849, our success is built on providing innovative solutions to contemporary marking problems.
- Operating from sites in the UK and France, we serve an extensive customer base in over 60 countries, supported by a comprehensive distributor network.
- Manufactures of conventional manual marking product alongside pneumatic and hydraulic presses and leading edge computer controlled dot and laser marking systems.
- Total system solutions: resourced with qualified mechanical, software and electronics engineers, at PRYOR we work in partnership with our customers to produce state of the art turnkey marking systems.
- Innovation facility: ensures that we remain at the forefront of marking technology by evaluating new solutions to customer needs.
- The new symbologies division of PRYOR, E P I, has been recently established to offer consultancy in industrial coding and machine vision and reading systems.
- Support: commissioning & servicing of machines, in-house or on-site training, sample marking, advice on the most cost-effective solution to your marking problem from experienced sales engineers.
- Markets: the markets we serve are many and varied, product identification being required in all industries. We are confident that our diverse experience will allow us to meet your marking needs.
- PRYOR: consistent quality in marking, total service commitment and effective technical support.

[illegible]

PRYOR Marking Technology

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