

Ink-Jet

# I-Mark<sup>SX32</sup>

The flexible, expandable marking system.

Introducing a new generation of user friendly ink-jet printers

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Icon based user interface

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Fast and easy to learn and operate

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Print on porous or non-porous surfaces

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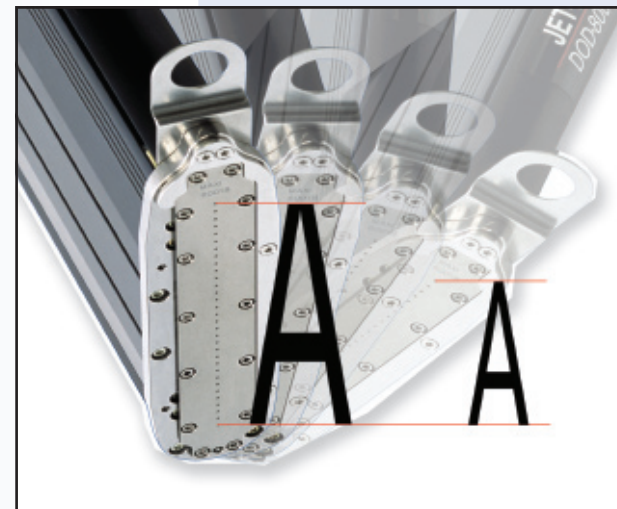
Choice of many printheads operated from the same control module

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The I-Mark SX 32 is a powerful and flexible solution for all industrial environments. Due to the wide selection of print heads available for this system, it is possible to print anything from 0.2" text to 5" high-resolution graphics and the IP42 classification guarantees safe usage in any industrial environment, regardless of dust or vibrations.

**Simple** This system is not only easy to install and start up, it is also very simple to use as it features an icon-based menu structure which gives a good overview of the different options. This, in combination with a selection of "hot keys" on the keyboard, minimizes the risk of errors made by the user.

**Expandable** The I-Mark SX 32 can be used with any 7, 16 or 32 valve print head from our Standard, 3000, or 8000 series. Installing the system requires very little space. Several print heads can be operated from the same work station, and the mounting of the control unit is flexible. The system also enables double-sided marking.



## Matthews Marking Products



*Ink-Jet Printing  
Contact Printing  
Indenting  
Etching  
Inks  
Integrated Solutions*



## Technical Specs I·Mark™ SX32

### Performance

#### Print speed

200 FPM (1 M/S)

#### Print formats (built-in functions)

Graphics, variable text position, bold, light, inverse, standard Julian date formats, real-time clock, delay function, repeat print, up/down counters, alphanumeric and shift codes, upper and lower case characters, industrial barcodes.

### Print heads

#### Types

3000 or 8000 series (MINI / MIDI / MAXI) 7, 16, 32 valve as well as all standard print heads

#### Print heights. DOD 8000 Maxi

7 v: 0.2" - 1.1" (5 - 28 mm), 1 line.

16 v: 0.2" - 2.5" (5 - 64 mm), 1 - 2 lines

32 v: 0.2" - 5" (5 - 128 mm), 1 - 5 lines

#### Print heights. Standard

1/4" - 2-1/2" (14 - 64 mm) 1-2 lines

#### Print distance

Up to 1" (25 mm) depending on print speed

### Control Unit

Control unit with built-in keyboard. Serial port RS-232 for connection to PC. IP class 42.

### Message storage

100 messages, 128 text strings within all messages. 4000 column capacity. 1 User Text (quick access for editing), time codes, clocks, barcodes and graphics.

### Electrical

90-264 V, 50-60 Hz auto adjustable.

### Dimensions and Weight

11.2" L x 9.8" W x 4.9" H (286 x 251 x 126 mm),  
11 lbs (2.5 kg)

### Serial interface

RS232 7/8 bit 1/2 stopbit baudrate  
1200-19200 Xon/xoff CTS/RTS

### Ink Systems

High Pressure Ink Supply Unit, Fluid Pump System, Large Capacity Ink System, Standard Ink Supply Unit, Flowjet

### Keyboard

#### Display

1/4 VGA 128 x 64 pixel graphical display, monochrome with back-lit display.

### Operating Environment

#### Temperature

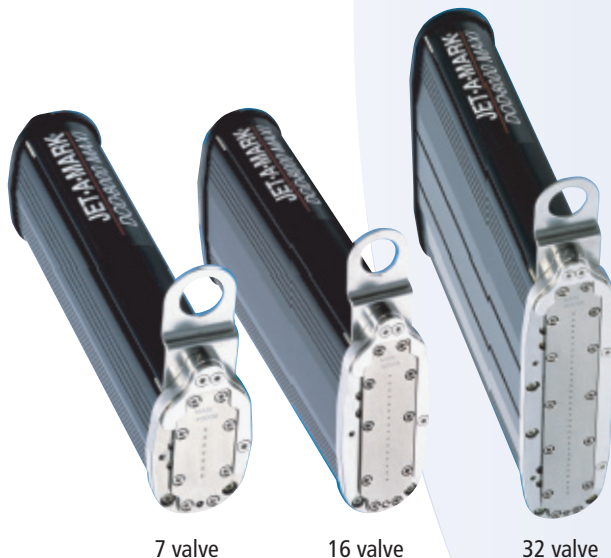
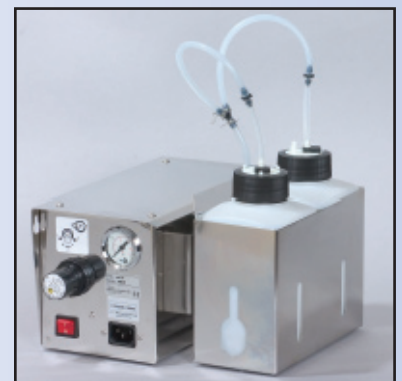
32 - 113°F (0 - 45°C)

#### Humidity:

10 - 95% non-condensing

### Options

- Speed encoder
- Photocell
- Wall bracket
- PC Software
- Fan out cables for use with 7 valve heads



7 valve

16 valve

32 valve

Matthews Marking Products continually improves products. The right, therefore, is reserved to alter the design and/or specifications without giving prior notice.

## Matthews Marking Products



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