

Ink-Jet

I-MarkSM SX32e

The flexible and expandable marking system.

Introducing a new generation of user friendly ink-jet printers



Icon based user interface

Fast and easy to learn and operate

Print on porous or non-porous surfaces

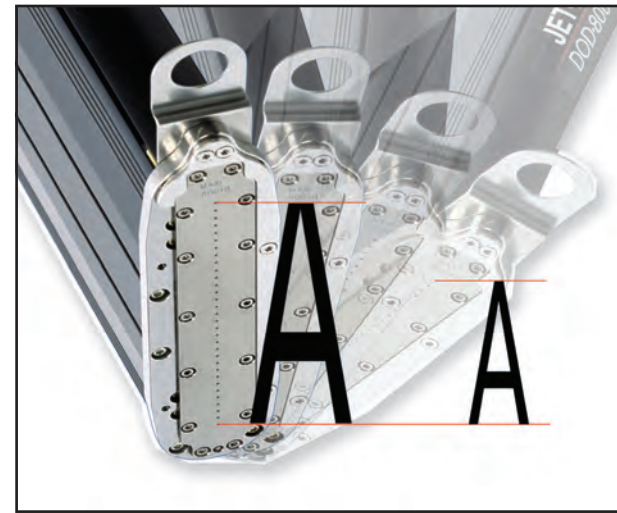
Choice of many printheads operated from the same control module



The I-Mark SX 32e 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 0.094" 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 32e can be used with any 7, 16 or 32 valve print head from our Standard, 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-MarkSM SX32e

Control Unit

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

Message Storage: 200 messages, 500 text strings within all messages. 4000 column capacity. 3 user text (quick access for editing), time codes, clocks, bar codes and graphics.

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

Dimensions and Weight (LxWxH): 11.2" x 9.8" x 4.9" (286x251x126 mm), 11 lbs (2.5 kg)

Display: ¼ VGA 128 x 64 pixel graphical display and keyboard, monochrome with back-lit display

Operating Environment: Temperature: 32-113° F (0-45° C)
Humidity: 10-95% non-condensing

Communications

Serial Interface: RS232

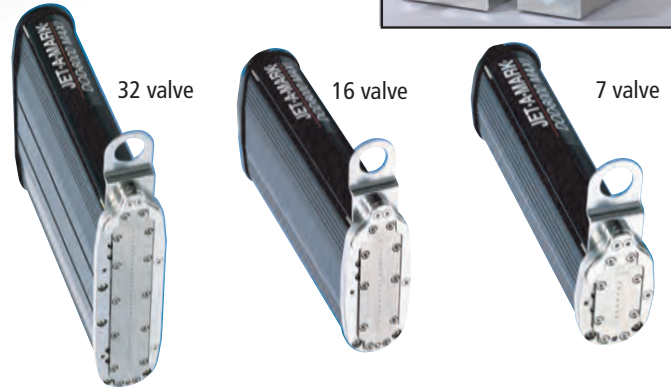
Code: 7 or 8 bit with 1 or 2 stopbits

Baud Rate: 1,200-19,200, Xon/Xoff, CTS/RTS

Ink Systems

- ¼ USG (1 liter)
- 1 USG (4 liter)
- 5 USG (19 liter)
- 55 USG (208 liter)

Ink Types: Fast dry, pigmented, dye, multi-colored and water-based inks for porous and non-porous surfaces



	PRINTHEAD TYPE	MIN. CHAR SIZE	MAX. CHAR SIZE.	MAX. SPEED	MAX. PRINT DISTANCE
STANDARD VALVE	28 mm	1/2" (12.7 mm)	1 ¼" (31.75 mm)	400 fpm (2.03 mps)	1/4" (6.4 mm)
	64 mm	1/2" (12.7 mm)	2 ½" (63.5 mm)	400 fpm (2.03 mps)	1/4" (6.4 mm)
	14 mm	1/4" (6.35 mm)	5/8" (15.875 mm)	400 fpm (2.03 mps)	1/4" (6.4 mm)
	32 mm	1/4" (6.35 mm)	1 ¼" (31.75 mm)	400 fpm (2.03 mps)	1/4" (6.4 mm)
8000 MAXI	8000 7-Valve	1/4" (6.35 mm)	1 ¼" (31.75 mm)	400 fpm (2.03 mps)	1" (25 mm)
	8000 16-Valve	1/4" (6.35 mm)	2 ½" (63.5 mm)	400 fpm (2.03 mps)	1" (25 mm)
	8000 32-Valve	1/4" (6.35 mm)	5" (127 mm)	400 fpm (2.03 mps)	1" (25 mm)
8000 MIDI	8000 7-Valve	3/16" (4.76 mm)	1 ¼" (31.75 mm)	400 fpm (2.03 mps)	1" (25 mm)
	8000 16-Valve	3/16" (4.76 mm)	2 ½" (63.5 mm)	400 fpm (2.03 mps)	1" (25 mm)
	8000 32-Valve	3/16" (4.76 mm)	5" (127 mm)	400 fpm (2.03 mps)	1" (25 mm)
8000 MINI	8000 7-Valve	3/32" (2.38 mm)	1 ¼" (31.75 mm)	400 fpm (2.03 mps)	1" (25 mm)
	8000 16-Valve	3/32" (2.38 mm)	2 ½" (63.5 mm)	400 fpm (2.03 mps)	1" (25 mm)
	8000 32-Valve	3/32" (2.38 mm)	5" (127 mm)	400 fpm (2.03 mps)	1" (25 mm)

Print Formats (built-in) Graphics, variable text position, bold, light inverse, standard Julian date formats, real-time clock, automatic daylight savings time, delay function, repeat print, up/down counters, alphanumeric and shift codes, upper and lower case characters, industrial bar codes.

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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