

THE I-MARK SX32

RELIABLE INK JET



SX32e

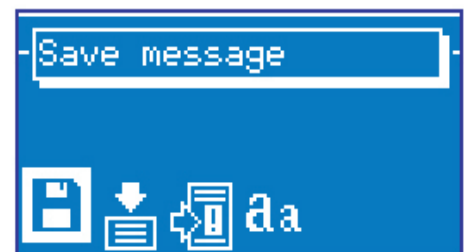
I-Mark SX32e

The SX32 is a powerful and flexible solution for all industrial environments. Due to the wide selection of printheads available for this system, it is possible to print anything from 0.0094" to 5" high-resolution graphics and the IP42 classification guarantees safe usage in any industrial environment, regardless of dust or vibrations.

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 its different options. This, in combination with a selection of "hot keys" on the keyboard, minimizes risk of errors made by the user.

The i-Mark SX32e can be used with any 7, 16, or 32 valve drop-on-demand printhead from our 8000+ Series. The system itself utilizes a very small footprint and several printheads can be operated from the same work station. The SX32e also enables double-sided marking and coding.

- 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



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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-adjusting.

DIMENSIONS AND WEIGHT (LXWXH):

- 11.2" x 9.8" x 4.9" (286 x 251 x 126 mm), 5.5 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

	PRINTHEAD TYPE	MINIMUM CHAR. SIZE	MAXIMUM CHAR. SIZE	MAXIMUM SPEED	MAXIMUM 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		2 ½" (63.5 mm)		
8000+ MAXI	14 mm	1/4" (6.35 mm)	5/8" (15.875 mm)	200 fpm (1.01 mps)	1" (25 mm)
	32 mm		1 ¼" (31.75 mm)		
	8000 7-Valve		1 ¼" (31.75 mm)		
8000+ MIDI	8000 16-Valve	1/4" (6.35 mm)	2 ½" (63.5 mm)	400 fpm (2.03 mps)	1" (25 mm)
	8000 32-Valve		5" (127 mm)		
	8000 7-Valve		1 ¼" (31.75 mm)		
8000+ MINI	8000 16-Valve	3/16" (4.76 mm)	2 ½" (63.5 mm)	400 fpm (2.03 mps)	1" (25 mm)
	8000 32-Valve		5" (127 mm)		
	8000 7-Valve		1 ¼" (31.75 mm)		
8000+ MINI	8000 16-Valve	3/32" (2.38 mm)	2 ½" (63.5 mm)	400 fpm (2.03 mps)	1" (25 mm)
	8000 32-Valve		5" (127 mm)		
	8000 7-Valve		1 ¼" (31.75 mm)		

COMMUNICATIONS

SERIAL INTERFACE:

- RS232 Code: 7 or 8 bit with 1 or 2 stopbits

BAUD RATE:

- 1,200-19,200, Xon/Xoff, CTS/RTS

Print Formats (built-in)

Graphics, variable text, 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.

INK OPTIONS

- Fast dry, pigmented, dye and water-based inks for porous and non-porous surfaces.
- Black, blue, green, red, yellow, white, brown, purple, orange, and many more.
- 1/4 USG (1 liter), 1 USG (4 liters), 5 USG (19 liters), 55 USG (208 liters)

LANGUAGES

- English, Swedish, Spanish, German, Italian, Dutch, Czech, Polish, Turkish, French, Romanian, Russian, Japanese, Chinese, Greek



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