

Jet-A-Mark® CONTROLLERS FOR DROP-ON-DEMAND® INK-JET



Rugged, industrial controllers are flexible for use in most marking applications.

- Wide variety of interface options
- Flexible communication protocols
- Capable of single and multiple line applications
- Industrial construction with reliable performance
- Custom software and integration support

I-Mark™ SX32

The Simple, Expandable Ink-Jet System

- Operates standard, 3000, and 8000 series printheads
- Simple icon-based user interface
- Drives up to 32 valves with bi-directional printhead control
- RS-232 and serial for remote interfacing capability



I-Mark V80

User Friendly Control of Your Ink-Jet

- Independent control settings by printhead
- Simplified coding with EZ-Touch software
- Intuitive and industrial, color touch-screen interface
- Easy backup/restore from Flash memory card
- Operates standard and 3000 series printheads



I-Mark V80i

Innovative Controller for OEM and System Integrator Applications

- Small modular design for flexible installations
- Simple protocol for integration requirements
- Broad range of connectivity
- Supports 1 to 4 printheads
- Operates standard and 3000 series printheads
- V80 printing function in a low cost, network controller



Matthews Marking Products

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

DROP-ON-DEMAND

DOD 8400e

Large & Small Character Printing from a Single Control Unit

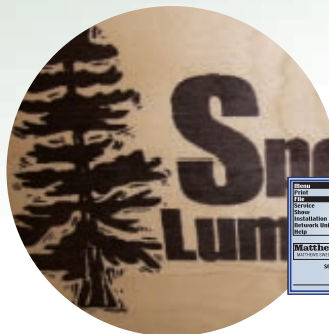
- Print speeds up to 780 fpm
- Easy, drop down, menu-driven interface
- Higher resolution with bolder marks
- Simple backup and restore software
- Operates 8000 series printheads



R44e

Configure Your Perfect Marking Solution

- Quick-command panel allows for fast message changeover
- Fully configurable, rack-mounted, ink-jet controller
- Can operate as a stand-alone or networked
- Built-in logo editor
- Easy, drop down, menu-driven interface
- Operates standard, 3000, and 8000 series printheads



CONTROLLERS

	I-Mark™ V80	I-Mark V80i OEM	I-Mark SX32	DOD 8400e	R44e
PRINTHEADS	Standard	Standard	Standard/8000	8000	Standard/8000
MAXIMUM # OF VALVES	32/64	32	32	32	128
NUMBER OF PRINTHEADS ⁽¹⁾	4/8	4	4	4	16
OPERATOR INTERFACE	Windows-style, color, touch-screen	User supplied	Icon-based, monochrome	Drop down menu-driven, monochrome	Drop down menu-driven, monochrome
PRINTHEAD DIRECTION	bi-directional	bi-directional	bi-directional	uni-directional	bi-directional
MESSAGE ATTRIBUTES	independent settings, dot size, width, delay	independent settings, dot size, width, delay	global settings, dot size, width	independent settings, dot size, width, delay	independent settings, dot size, width, delay
MESSAGE STORAGE	# Messages 200,000	# Messages 64	# Messages 100	# Messages 800	# Messages 800
PRINT SPEED ⁽²⁾	400 fpm	400 fpm	400 fpm	780 fpm	400-780 fpm (Printhead dependent)
ENCLOSURE	IP54/IP65 optional	IP42	IP42	IP42/IP54	IP42/IP54

(1) Printhead configurations are based on combinations of a 7-valve head

(2) Printing speeds are printhead dependent

www.matthewsmarking.com

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