

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



Rugged, industrial controllers that are flexible for 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™ SX32e

The Simple, Expandable Ink-Jet System

- Operates standard 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 V84

User Friendly Control of Your Ink-Jet

- Each head may be independently triggered
- Simplified coding with EZ-Touch software
- Intuitive and industrial, color touch-screen interface
- Up to four sensor inputs
- Operates standard and 8000 series printheads



I-Mark V84i

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 8000 series printheads
- V84 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

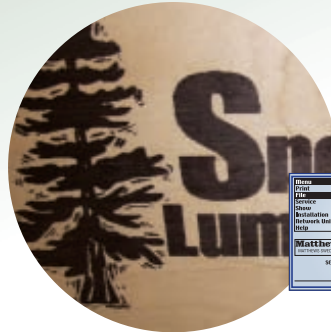
- Print speeds from 400-780 fpm
- Easy, drop down, menu-driven interface
- Higher resolution with bolder marks
- Simple backup and restore software
- Operates 8000 series printheads



R44e

Configure Your Perfect Marking Solution

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



CONTROLLERS

	I-Mark™ V84	I-Mark V84i OEM	I-Mark SX32e	DOD 8400e	R44e
PRINTHEADS	Standard/8000	Standard/8000	Standard/8000	8000	Standard/8000
MAXIMUM # OF VALVES	32	32	32	32	128
NUMBER OF PRINTHEADS ⁽¹⁾	4	4	4	4	16
OPERATOR INTERFACE	Graphical user interface, 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 4000	# Messages 100	# Messages 200	# Messages 800	# Messages 800
PRINT SPEED ⁽²⁾	400-680 fpm/2.03-3.45 mps (Printhead dependent)	400-780 fpm/2.03-3.96 mps (Printhead dependent)	400 fpm/2.03 mps	400-780 fpm/2.03-3.96 mps	400-780 fpm/2.03-3.96 mps (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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