



I·Mark™
EZ Touch C84+

Continuous Ink-Jet Printing with Touchscreen Control

The I-Mark C84+ provides fast, reliable, small character coding of expiration dates, batch codes, logos, and barcodes onto food, beverage, and pharmaceutical packaging, in addition to a variety of industrial applications on plastics, paper, and metals. Combining ease of use with high performance and flexibility, the controller's 10.4" color touchscreen simplifies operation with an icon-based, graphical display.

Ensuring trouble-free viscosity control and consistent print quality, the C84+ temperature, drop speed, and ink pressure settings are automatically managed internally through a continuous diagnostic process. The patent pending, self-cleaning print head protects all internal electronics with a hermetically sealed enclosure featuring a rugged, in-line nozzle design.

Even shutting down this system is easier. Simply press a button and the built in intelligence enables an automatic-flush function that ensures your printhead is thoroughly cleaned and powered off. With one of the most efficient solvent consumption systems in the industry, the C84+ provides extremely low operating costs.



- Easy message creation and operator functions
- Up to 4 lines of print, at line speeds up to 1050 fpm
- Low operating cost
- Minimize downtime with self-cleaning printhead

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Systems



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I•Mark EZ Touch C84+

Technical Specifications



	LINES OF PRINT	MIN. CHAR. SIZE	MAX. CHAR. SIZE	MAX. SPEED	OPTIMAL PRINT DISTANCE	ORIENTATION MOUNTING	PRINTHEAD DIMENSIONS
C84+	Up to 4 lines*	0.05" (1.25 mm)	.61" (15.6 mm)	1050 ft/min	.39" (10 mm)	All Directions	9.25"L 1.654"D (235 mm) (42 mm)

*5th line possible using free form text editing

C84+ CONTROLLER

General Performance

- Single button jet startup and shutdown
- Automatic print head flush routines
- Full on-screen diagnostics
- Printer status indicators
- Simple and clean fluid refilling
- Internal memory USB flash drive for safe data storage and transfer

Operator Interface

- Industrial, 10.4" color touchscreen interface with windows-based environment
- User configurable password protection
- Icon-based menus
- Color-coded classifications to distinguish message fields
- WYSIWYG message display

Communications and Networking

- RS232
- Ethernet
- Shaft encoder input
- Print trigger input
- External alarm output
- Standard storage capacity over 4000 messages (based on average of 3KB each)

PHYSICAL & ENVIRONMENTAL CHARACTERISTICS

Enclosure Dimensions:

23.14"L x 19.55"W x 13.01"H
(588 x 497 x 331 mm)

Total Weight:

58 lb. (27 kg.)
6.56' or 13.12' print head conduits
(2 or 4 meter)

Electrical:

100~250 VAC, 50/60Hz

Operating temperature:

41° –104° F (5° –40° C)

Humidity:

10 – 95% non-condensing
Nema 12 and IP55 enclosure rating
Bench mounting

PRINT FEATURES

- Static and dynamic message fields
- Fonts from 5-high to 32-high
- Bold factor
- Automatic rollover clock/calendar fields
- Automatic date forward function
- Bar codes
- Inverse and reverse
- Remote messaging
- Continuous print
- Upper and lower case characters
- Unicodes
- Versatile height/width/delay functions
- Name customization on year/month/day/week/shift codes
- Logos
- Sequential and batch counters
- Rotate
- Database imports

LANGUAGES

English	Spanish
Italian	German
French	Dutch
Russian	Swedish
Turkish	

Keyboard: English & Russian

INK OPTIONS

- Fast dry, non-MEK, and pigmented for porous and non-porous substrates
- Colors: Black, White, Green, Red and Yellow

OPTIONS

- Positive air purge
- Alarm warning beacon
- Two-year extended warranty
- Custom logos and graphics
- Custom integration
- Slide table for static parts marking
- Print head floor stand
- Stainless steel cabinet

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