



Thermal Injet Coder

Markoprint X1Jet-LX



SPECIFICATIONS

Markoprint X1JET LX is based on reliable Markoprint X4JET technology. This compact and powerful system is available in different, upgradable system versions. Markoprint X1JET LX is designed for different range of applications i.E. food & beverage, chemical, coated/uncoated materials, timber and the pharmaceutical industry.

The small & compact integrated controller/printer comes in a single unit. The innovative system codes smooth absorbent and semi-absorbent surfaces - quickly, accurately and reliably.

- Innovative technology for printing information directly onto cartons
- High availability through cartridge technology, tested and proven a million of times
- High quality, high resolution printing based on twin nozzle row
- Automatic ink type recognition and filling level control
- Highly resistant to static discharge
- Up to 10 mm distance from product

Easy to use

No training necessary: printing with the Markoprint X1JET LX is simple, due to 3-logic intuitive operation with LED status light. Data transmission is initialized with USB stick/interface.

- User friendly due to 3-logic
- Select and print directly 9 layouts/labels

Universal and flexible use

Markoprint X1JET LX uses True Type fonts for printing. All conventional 1- and 2-dimensional codes* can be printed. The controller is fully integrated into the print module.

- Highly compact design (see also picture in original size)
- Simple integration into packaging systems and conveyors for printing from the side or top
- No separate photo sensor required for triggering/initializing the printing process – Built in photo sensor ready in the system unit (external signal input optional)
- Printing height up to 12.5 mm

Control

Different performing system versions are available, with different functional features, depending on application requirements: Print, Basic, Advanced and Pro.

The system X1JET LX allows data transmission via USB stick. Each controller has a network connection (LAN) or a standard EIA-232 interface. Print layouts are created with iDesign software.

- Data transfer using USB stick
- Data transfer connecting Ethernet and EIA-232
- Data transfer connecting to Options interface (printing communication from PLC or external photosensor)
- Data transfer enabling Web interface

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Wide range of standard accessories

- Rotary/Shaft encoders, for different dynamically adapting conveyor speeds
- Flexible bracket for varying product
- Mounting brackets for use horizontally and vertically

Wide ink range

A wide range of water- and solvent-based inks to work with many applications. Paper, cartons, coated surfaces, foils, plastics etc. are coded permanently, with excellent resolution. Ultimate flexibility only available with cartridge based coding systems.

TECHNICAL DATA

	X1JET LX Print	X1JET LX Basic	X1JET LX Advanced	X1JET LX Pro
Number of print heads	1	1	1	1
Max. speed at 300 dpi	up to 30 m/min	up to 30 m/min	up to 60 m/min	up to 90 m/min
Recommended barcode speed at 300 dpi			up to 60 m/min	up to 60 m/min
Number of production lines	1	1	1	1
Max. resolution - horizontal	50 to 900 dpi	50 to 900 dpi	50 to 900 dpi	50 to 900 dpi
- vertical	300 dpi	300 dpi	300 / 600 dpi	300 / 600 dpi
Print / character height	12.5 mm	12.5 mm	12.5 mm	12.5 mm
Printhead distance	max. 10 mm	max. 10 mm	max. 10 mm	max. 10 mm
Max. text length	1 m	1 m	1 m	2 m
Number of text memories	9	9	9	9
Display size	no display	no display	no display	no display
Text field	X	X	X	X
Counter			X	X
Time		X	X	X
Date field		X	X	X
Date offset			X	X
Logo	X	X	X	X
Variable				
Action fields			X	X
Barcodes			X	X
2D-codes				X
Data transfer by USB-stick	X	X	X	X
Ethernet	X	X	X	X
EIA232	X	X	X	X
In-and Outputs	Photo sensor, Encoder 2 in- and 4 outputs	Photo sensor, Encoder 2 in- and 4 outputs	Photo sensor, Encoder 2 in- and 4 outputs	Photo sensor, Encoder 2 in- and 4 outputs
Power supply	100-240V / 50-60Hz	100-240V / 50-60Hz	100-240V / 50-60Hz	100-240V / 50-60Hz
PC software	iDesign	iDesign	iDesign	iDesign
Special features	Backup by USB-stick	Backup by USB-stick	Backup by USB-stick	Backup by USB-stick