Super compact thermal inkjet Coder (TIJ)

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

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

Easy to use

No training necessary: printing with the Markoprint X1JET is simple, due to 3-logic intuitive operation with LED status light. Data transmission is 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 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 sensoralready 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 basic system version allows data transmission via USB stick. Each controllerhas 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

Wide range of standard accessories

- Rotary/Shaft encoders, for different dynamicly 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 catridge based coding systems.
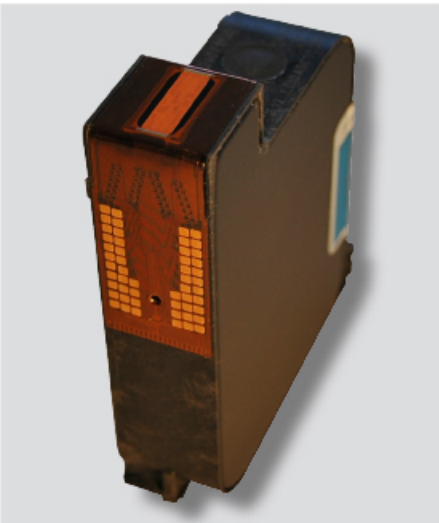
*depending on version

Markoprint X1JET
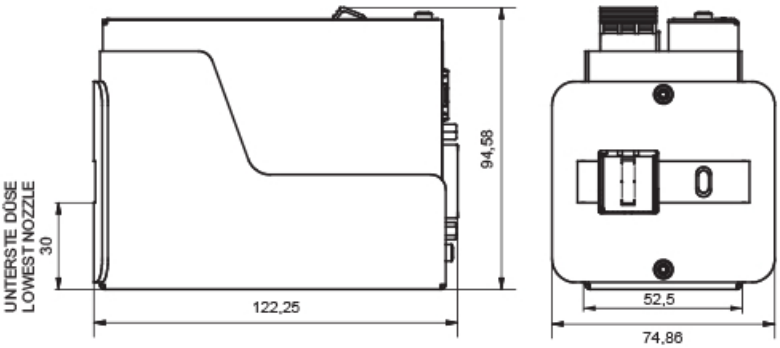Compact, independently operating printhead for simple integration into existing production lines.

3-Logic User Interface
LED indicators for intuitive use

Maintenance-free HP cartridge
Perfect print quality - High reliable inks with up to 15 hours decap

Picture of original size!

Dimension drawing technical data

USB stick data transfer
Dynamicly transfers Data created with a PC to the printer

Ethernet
Data transfer from networks and Web interface

Interface options
Direct Connection of rotary encoder, sensor and status outputs

Technical data Markoprint X1JET

System **X1JET** HP	Print	Basic	Advanced	Pro
maximum speed at 300 dpi	30 m per minute	30 m per minute	60 m per minute	90 m per minute
maximum resolution – horizontal – vertical	50 to 900 dpi 300 dpi	50 to 900 dpi 300 dpi	50 to 900 dpi 300 / 600 dpi	50 to 900 dpi 300 / 600 dpi
Print/character height	0.8 bis 12.5 mm	0.8 bis 12.5 mm	0.8 bis 12.5 mm	0.8 bis 12.5 mm
maximum text length	1 000 mm	1 000 mm	1 000 mm	2 000 mm
No. of text memories	9 texts	9 texts	9 texts	9 texts
Text field	✓	✓	✓	✓
Counter	-	-	✓	✓
Date field	-	✓	✓	✓
Date offset	-	-	✓	✓
Variable	-	-	✓	✓
Action field	-	-	-	✓
Logos	✓	✓	✓	✓
Barcodes	-	-	✓	✓
2D-Codes	-	-	-	✓
Data transfer by USB stick	✓	✓	✓	✓
Ethernet	✓	✓	✓	✓
Web interface	✓	✓	✓	✓
EIA-232	✓	✓	✓	✓
Internal sensor	✓	✓	✓	✓
External sensor connection	✓	✓	✓	✓
Encoder	✓	✓	✓	✓
I/O	2I / 4O	2I / 4O	2I / 4O	2I / 4O
Ink status display	LED	LED	LED	LED
Spitting	✓	✓	✓	✓
Warning	✓	✓	✓	✓
Printing examples in original size	Ab12	#0041037105 10.12.2017	4 012345 676901	

Technical changes reserved.

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Inkjet coder

Markoprint X1JET

Print
Basic
Advanced
Pro

200 Mg

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S-N 3300045321
LOT 89209876
EXP 151231