

**Thermal Inkjet Coder**

# Markoprint X1Jet-MX



The Markoprint X1JET MX is an independently operating printer, especially suitable for the coding of large printing images. The Trident Piezo Inkjet technology codes on flat, absorbant surfaces, quickly, accurately and reliably. This compact & well-priced system is designed for different ranges of applications i.E. food & beverage, chemical and building material industry.

- Well-priced technology for the printing of layouts directly on carton material

### For each application the right system

The print heads are available in two different versions: For printings at maximum 50 mm height and für printings at maximum 100 mm height. The Markoprint X1Jet MX is available in 3 different variations: Compact, Vario and Top. The Compact version has a vertically fixed print head. The print head of the Vario version can be turned up to 90°C to the left, and allows therefore also a coding on rising conveyor belts. The Top version codes from above onto the packaging or the product.

- Printing heights up to 50 mm or rather 100 mm
- Simple integration into packaging systems and conveyors for printing from side or top

### Universal and flexible use

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

- The robust and highly compact design ensures maximum application availability
- High immunity against electrical discharge

### Easy to use

No training necessary: Printing with the Markoprint X1JET MX is simple, due to 3-logic intuitive operation with LED status light. Data transmission is initialized with USB stick/ interface. A big advantage is the integrated maintenance station including the power supply.

This makes the installation and maintenance very easy.

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

### X1JET MX Varianten

DX1JET MX is available in the following versions

- Markoprint X1JET MX 100  
Printing height up to 100 mm  
In the variations „Compact“, „Top“ or „Vario“
- Markoprint X1JET MX 50  
Printing height up to 50 mm  
In the variations „Compact“, „Top“ or „Vario“

### Control

The X1JET MX system allows a data transmission via USB stick or Ethernet/EIA-232 interface. Print layouts are created with iDesign software.

- Data transfer using USB stick
- Data transfer connecting Ethernet and EIA-232

TECHNICAL DATA

|                                    | X1JET MX Print                                  | X1JET MX Basic                                  | X1JETMXAdvanced                                 | X1JET MX 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 barcodespeed at 300dpi |                                                 |                                                 | up to 60 m/min                                  | up to 60 m/min                                  |
| Number of production lines         | 1                                               | 1                                               | 1                                               | 1                                               |
| Max. resolution - horizontal       | 50 to 600 dpi                                   | 50 to 600 dpi                                   | 50 to 600 dpi                                   | 50 to 600 dpi                                   |
| - vertical                         | 192 dpi                                         | 192 dpi                                         | 192 dpi                                         | 192 dpi                                         |
| Print / character height           | 50 / 100 mm                                     | 50 / 100 mm                                     | 50 / 100 mm                                     | 50 / 100 mm                                     |
| Print head distance                | max. 5mm                                        | max. 5mm                                        | max. 5 mm                                       | max. 5mm                                        |
| 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,<br>Encoder<br>2 in- and 4 outputs | Photo sensor,<br>Encoder<br>2 in- and 4 outputs | Photo sensor,<br>Encoder<br>2 in- and 4 outputs | Photo sensor,<br>Encoder<br>2 in- and 4 outputs |
| Power supply                       | 100-240V / 50-60Hz                              | 100-240V / 50-60Hz                              | 100-240 V / 50-60 Hz                            | 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                             |