

X1JET LX Ultra



The compact all-rounder

- Print head and print controller in one housing
- Compact design / low space requirement
- Print heights up to 25.4 mm
- Integrated photocell for product recognition
- High-resolution prints thanks to double row of nozzles
- Up to 10 mm print distance to the product



Universal and flexible use

Markoprint X1JET LX Ultra is a small, compact and cost-effective inkjet system with LX Class printing technology. It combines print head and print controller in a housing made of robust, milled and anodized aluminium.

It marks absorbent surfaces quickly, accurately and reliably with a print distance of up to 10 mm. Applications up to 25.4 mm print height are possible by using a 1" cartridge. Simple and intuitive 3-button operation with LED indicator lights ensures user-friendly system control and makes printing with the Markoprint X1JET LX Ultra easy even for untrained staff. Up to nine layouts can be selected including fonts, consecutive numbers, barcodes or logos for direct print start.

X1JET LX Ultra has an integrated photo sensor that triggers the print start automatically.

| Performance data | * depending on config. |
|------------------------------|--------------------------|
| Max. print speed | up to 90 m/min* |
| Print resolution horizontal | 50 to 900 dpi adjustable |
| Print resolution vertical | 300 / 600 dpi* |
| Max. print height | 25,4 mm |
| Technology | LX |
| Authentication | SmartCard |
| Text field | yes |
| Counter | yes* |
| Time | yes* |
| Date / Date-Offset | yes* |
| Logo | yes |
| Variables input | with HMI |
| Action field | yes* |
| 1D-Code / 2D-Code | yes* |
| Data transfer per USB-Stick | yes |
| Ethernet | yes |
| EIA232 | yes |
| Password protection | no |
| Configurable in- and outputs | yes |

| Software versions | Print | Basic | Advanced | Pro |
|----------------------------------|---------------|---------------|---------------|---------------|
| Max. print speed | 30 | 30 | 60/60** | 90/60** |
| Max. print resolution vertical | 300 dpi | 300 dpi | 300/600 dpi | 300/600 dpi |
| Max. print resolution horizontal | 50 to 900 dpi | 50 to 900 dpi | 50 to 900 dpi | 50 to 900 dpi |
| Max. Text length at 300 dpi | 1 meter | 1 meter | 1 meter | 2 meter |
| Text field | + | + | + | + |
| Counter | - | - | + | + |
| Time | - | + | + | + |
| Date | - | + | + | + |
| Date-Offset | - | - | + | + |
| Logo | + | + | + | + |
| Variables input | - | - | with HMI | with HMI |
| Action field | - | - | + | + |
| 1D-Code | - | - | + | + |
| 2D-Code | - | - | - | + |
| Data transfer per USB C Stick | + | + | + | + |
| Ethernet | + | + | + | + |
| Password protection | - | - | - | - |
| Configurable in-/outputs | + | + | + | + |
| DBPrint | - | - | - | + |

** recommended for barcode applications, + available, - not available
Technical changes reserved at any time



Printing applications in exceptional quality

The print head with double row of nozzles enables high-quality prints with a resolution of up to 600 dpi.

The print head is part of the ink cartridge. A brand-new print head therefore ensures optimum printing results every time the ink cartridge is changed. The internal memory recognizes the ink type and saves the ink level. In addition, the LX CLass ink offers an "open time" of up to several hours. The "open time" indicates the period during which an ink cartridge can remain open without printing and the ink does not dry out or clog the nozzles. For longer printing breaks, the cartridge can be closed with a clip.

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