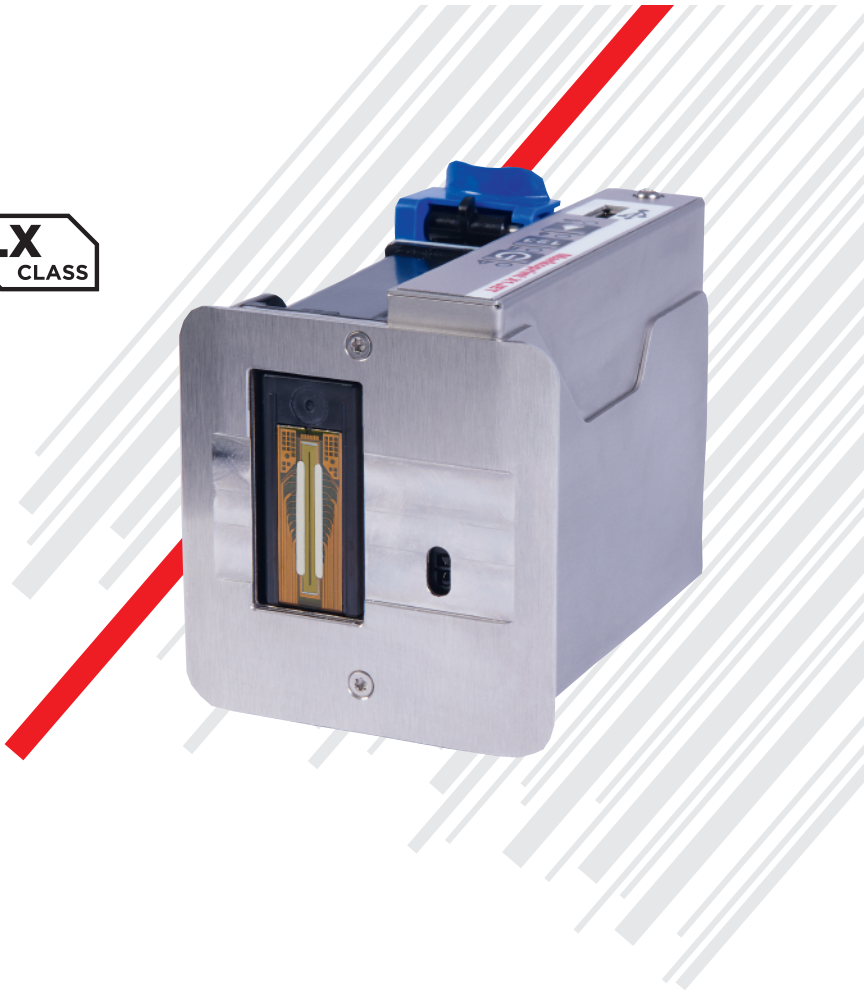
X1JET LX Ultra

LX CLASS

Compact all-in-one system



- 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
Authentification	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.