



DATA SHEET

Markoprint printing system

X1JET XR 71

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The X1JET XR 71 inkjet printer is a stand-alone printing system for controlling a Xaar Piezo printhead.

The Xaar printhead belongs to the latest printhead generation with 500 individually controlled jets for a print height of 71 mm. This corresponds to a print resolution of 180 dpi.

The compact "all-in-one" Piezo printer combines printhead, ink system, cleaning station, control circuitry and mains unit in one enclosure. Three different versions are available for varying applications: Compact, Vario and Top.

In the Compact version, the printhead is mounted fixed, for horizontal labelling. For more flexibility, the Vario version printhead is rotatable by 90° anti-clockwise.

The Top version offers maximum flexibility the printhead is connected to the ink system via a 1 000 mm long hose.

Operation, parameter setting and data transmission occurs via the simple and intuitive 3-key arrangement with LED indicator lamps.

USB stick and Ethernet / EIA 232 interfaces are available for data transmission.

The oil-based XR 980 ink is suited particularly well for printing on slightly absorbent and absorbent product surfaces. The short drying time also allows optimal printing on painted folding boxes.

X1JET XR 71 - System highlights

- print height up to 71 mm
- small fonts from 2 mm height
- a single printhead = no offset in printed images
- large, reliably readable barcodes
- high-resolution graphics and logos with up to 360 x 180 dpi
- 500 individually controlled jets
- low ink consumption despite high printing performance
- reduced set-up times thanks to 500 ml ink bottle
- internal ink reservoir allows ink change without interruption
- simple inkjet printing system start-up
- simple integration into existing production environments

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Performance data	Print	Basic	Advanced	Pro
Max. printing speed at 180 dpi	30 m/min	30 m/min	60 m/min	67 m/min
Max. print height	71 mm	71 mm	71 mm	71 mm
Max. number of printheads	1	1	1	1
Max. number of production lines	1	1	1	1
Text field	yes	yes	yes	yes
Counter	no	no	yes	yes
Time	no	yes	yes	yes
Date field / date offset	no / no	yes / no	yes / yes	yes / yes
Logo	yes	yes	yes	yes
Variables	no	no	no	no
Action fields	no	no	yes	yes
1D code / 2D code	no / no	no / no	yes / no	yes / yes
Data transfer by USB stick	yes	yes	yes	yes
Ethernet	yes	yes	yes	yes
EIA232	yes	yes	yes	yes
Password levels	no	no	no	no
Configurable inputs and outputs	yes	yes	yes	yes

Technical data

Power supply	90 to 240 V AC
Power consumption	50 W
Protection class	IP40
Ambient temp. for XR 980 oil based ink	15 to 35 °C
Relative humidity	20 to 85 %, non-condensing
Certification	CE

Technical changes reserved at all times.