MARKOPRINT IP-JET

Markoprint
HIGH QUALITY MADE IN GERMANY

Thermal Inkjet Printers

The IP-Jet industrial inkjet printer was specifically developed for use in harsh environments with high exposure to dust and moisture. This solution is particularly well suited for use in Food & Beverage, and also in the plastics, pharmaceutical, and chemical industries.

Key Features:
• Optimized product identification with built-in photo sensor.
• Controller on board multi-tasking system.
• Animated graphics for simple operation.
• Programmed ink types to optimize porous and non-porous substrates automatically.

The IP-JET HP is a compact inkjet printer that combines the printhead and control unit in one system. Sealing the cartridge and pressurizing it prevents water and dust from entering. The power supply has a waterproof connector, the connectors of the external connections are protected with protection class IP 67. Unlike many other printers in the market, the printhead does not have to be covered or dismantled for wet cleaning.

Equipped with proven HP Class printing technology, the IP-JET prints texts, barcodes, two-dimensional codes, best-before dates, batch numbers, etc. up to 12.5 mm high and with up to 600 dpi resolution.

Water-based and solvent-based inks available for the system, making it suitable many applications: paper, cardboard, painted surfaces, foils, plastics are labeled very legible and durable. The system is operated intuitively via a 3-button operation with LED status lights, so that even untrained employees can print easily and safely.

Iintelligent SmartCard Cartridge Monitoring ensures consistently good printing results. It identifies the current ink type and automatically sets the appropriate ink parameters. If the ink is changed, no manual change is necessary. SmartCard also records and saves ink level information. The printing system detects opened cartridges and always reports the ink level to the controller, which avoids unexpected interruption of production by providing the operator with advance notice to complete a cartridge change.

Thanks to the patented Click'n Print Cartridge Holder, changing ink is quick and easy: with one click each you can remove the cartridge and insert a new one.

Technical Specifications

PERFORMANCE DATA	PRO VERSION
Maximum print speed HP (Hewlett Packard)	90 m/min
Print resolution • horizontal • vertical	50 to 900 dpi 300 or 600 dpi
Maximum print height	12.5 mm
Maximum text length	2 m
Text field	yes
Counter	yes
Time	yes
Date field	yes
Date offset	yes
Logo	yes
Input of variables	no
Action fields	yes
1D code / 2D code	yes / yes
Data transfer by USB stick	yes
Ethernet	yes
EIA232	yes
Password levels	yes
Configurable: 2 inputs/ 4 outputs	yes

TECHNICAL DATA	PRO VERSION
Mains unit supply voltage	100–240 VAC / 50–60 Hz (1-)
Unit supply voltage	12–24 VDC
Power consumption, maximum	25 W
Power consumption, standby	1.6 W
Ambient temperature	5 to 40 °C
Protection class (with overpressure)	IP 65
Splash guard	yes
Certification	CE

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