

General

Product number	22501020
Product name	HSAJET® MCX 1.0" Printer (2 pens) SC
Manufacturer	HSA Systems A/S

Printing Features

Technology	HP TIJ 2.5 w. smart card technology
Print distance	0.5-5.0 mm (from nozzle to surface)
Print height	Up to 25.4 mm (1") (2 pens)
Max length	4 m @ 200 dpi 2.7 m @ 300 dpi
Frequency	18 kHz
Resolution	Horizontal: from 100 to 2400 dpi (variable dpi) Vertical: 300 or 600 dpi
Smart card features	Automatic detection of ink cartridge, auto-adjustment of ink parameters, monitoring of ink level
Encoder rollback	Detection of print position enabling restart of print in correct position

Layout Options

Content	Barcodes, alphanumerical text in all languages, dates, counters, shift codes, graphics, full Unicode support (see datasheet for MCX Software for more details)
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Interface

Controller	RJ45 socket
I/O Interface box	D-SUB 15 HD female socket
Power socket	Power jack with screw lock
Sensor	Built-in sensor External sensor can be connected directly to printer or via I/O Interface box
Encoder	2 channel quadrature Encoder can be connected directly to printer or via I/O Interface box
Beacon	4 output signals Default use of 3 output lines to drive beacon lamps

Mechanical

Housing	Anodised aluminium, black and natural
Sole	CrN treated aluminium
Dimensions	121 (133) x 99 x 104.3 mm (LxWxH)
Weight	0.89 kg (product only)



MCX printers are small, powerful printers ideal for coding and marking applications offering premium print quality at high speed.

MCX printers use HSAJET® smart card cartridges ensuring automatic detection of ink cartridges and adjustment of ink parameters for optimum print performance.

Electrical

Power	24 VDC 2.5A 60W
Power supply	100-240 VAC 50-60 Hz

Compliance and Regulations

Complies to	CE, UKCA, RoHS, and EMC directives
Tariff no.	84714100
Country of origin	Denmark

In the box

22501010	HSAJET MCX 1" Printer (2 pens) SC
72000120	PSU AC/DC Adaptor 60W f/MCX, 24V

Accessories

22101000	HSAJET MCX 4.3" Touch Controller
22102000	HSAJET MCX 4.3" Touch Controller - panel mount
81004010	MCX Software f/Windows w/dongle & usb stick
22902000	HSAJET MCX I/O Interface Box
71001501	Cable RJ45, CAT7 S/FTP, 1m, black
71001503	Cable RJ45, CAT7 S/FTP, 3m, black
71001505	Cable RJ45, CAT7 S/FTP, 5m, black
71001510	Cable RJ45, CAT7 S/FTP, 10m, black
Other	Sensor, encoder, and beacon Large selection of brackets for installation on production lines (see accessories list)
Ink cartridges	Large range of HSAJET® HP45si and HP45ai cartridges with smart card available in black, white, and various colours for most substrates (see other flyer)

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