

General

Product number	22501010
Product name	HSAJET® MCX Compact 0.5" Printer (1 Pen) SC
Manufacturer	HSA Systems A/S

Features

Technology	HP TIJ 2.5 w. smart card technology
Throw Distance	0.5-5.0 mm (from nozzle to surface)
Print Height	Up to 12.7 mm (0.5") (1 pen)
Print Length	Up to 4.0 m @ 200 dpi 2.7 m @ 300 dpi
Print Speed	Up to 182m/min @ 300x300 dpi Higher speeds can be achieved at lower dpi
Frequency	18 kHz (cartridge dependent)
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 UniDraw for more details)
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Interface

Sensor	Built-in sensor
RJ45	Controller connection
Power Jack	Power supply
D-SUB 15 HD Female	MCX I/O Interface box for connection of external sensor, encoder and beacon Inputs/Outputs for connection of external sensor, encoder or beacon directly to printer

Electrical Requirements

Power Supply	24 VDC 2.5 A 60 W 100-240 VAC 50-60 Hz 60 W (external)
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HSAJET® MCX Compact 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.

Physical Details

Housing	Anodised aluminium, black and natural
Sole	CrN treated aluminium
Dimensions	121 (133) x 73.2 x 92 mm (LxWxH)
Weight	0.62 kg (product only)

Compliance and Regulations

Complies to	CE, UKCA, RoHS, and EMC directives
Tariff No.	84714100
Country of Origin	Denmark

In the Box

22501010	HSAJET® MCX 0.5" Printer (1 pen) SC
72000120	PSU AC/DC Adaptor 60W f/MCX, 24V

Parts of the MCX Compact Print System

Required Parts (depending on configuration)	HSAJET® MCX 4.3" Touch Controller (standard or panel mount version) HSAJET® MCX Compact Printers (1 - 4 pens) MCX UniDraw f/Windows Cable RJ45, CAT7 S/FTP, black, (1, 3, 5 or 10m)
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)
Accessories (optional)	HSAJET® MCX I/O Interface Box Sensor, encoder, and beacon Large selection of brackets for installation on production lines (see accessories list)

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