

General

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

Printing Features

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|---------------------|--|
| Technology | HP TIJ 2.5 w. smart card technology |
| Print distance | 0.5-5.0 mm (from nozzle to surface) |
| Print height | Up to 12.7 mm (0.5") (1 pen) |
| Max length | 4.0 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

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| 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

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|-------------------|--|
| 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

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|------------|---------------------------------------|
| 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) |



HSAJET® 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

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

Compliance and Regulations

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

In the box

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

Accessories

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|----------------|--|
| 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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