

General

| | |
|----------------|--|
| Product Number | 22501020 |
| Product Name | HSAJET® MCX Compact 1.0" Printer (2 pens) 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 25.4 mm (1") (2 pens) |
| 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 |
| Out-of-the-Box Stitching | Printer is pre-stitched and can be fine tuned from controller |

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

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



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 99 x 104.3 mm (LxWxH) |
| Weight | 0.89 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 Compact 1.0" Printer (2 pens) 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) |

The information presented in this data sheet is obtained under specific conditions. No guarantee is given to the accuracy or correctness of the information. We reserve the right to make changes to functionalities of the product and the content of this data sheet without prior notification.