

### General

|                |   |
|----------------|---|
| Product number | 22601030  |
| Product name   | HSAJET MCX Satellite 1.5" Printhead (3 pens) SC |
| Manufacturer   | HSA Systems A/S                                 |

### 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 38.1 mm (1.5") (3 pens)  |
| Print length             | 4.0 m @ 200 dpi   2.7 m @ 300 dpi  |
| Print speed              | Up to 182m/min @ 300x300 dpi<br>Higher speeds can be achieved at lower dpi                       |
| Frequency                | 18 kHz (cartridge dependent)   |
| Resolution               | Horizontal: from 100 to 2400 dpi (variable dpi)<br>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

|                               |                      |
|-------------------------------|----------------------|
| DVI-I Dual Link (24+5) female | Main Unit connection |
| Sensor                        | Built-in sensor      |
| LED Indicator                 | Printer status       |

### Physical Details

|                       |                                       |
|-----------------------|---------------------------------------|
| Installation distance | Up to 8 meter between printheads      |
| Housing               | Anodised aluminium, black and natural |
| Sole                  | CrN treated aluminium                 |
| Dimensions            | 120.5 x 116.6 x 124.8 mm (LxWxH)      |
| Weight                | 0.98 kg (product only)                |



HSAJET® MCX printers with Satellite printheads are small, flexible and powerful printers ideal for coding and marking applications offering premium print quality at high speed.

Up to four individual MCX Satellite printheads can be connected to the MCX Satellite Main Unit. This enables printing on up to four different areas of an object from one MCX 4.3" Touch Controller.

### Electrical Requirements

|              |                                    |
|--------------|------------------------------------|
| Power supply | Powered by MCX Satellite Main Unit |
|--------------|------------------------------------|

### Compliance and Regulations

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

### In the Box

|          |   |
|----------|---|
| 22601030 | HSAJET MCX Satellite 1.5" Printhead (3 pens) SC |
|----------|---|

### Parts of the MCX Satellite Print System

|   |  |
|---|--|
| Required parts (depending on configuration) | HSAJET MCX 4.3" Touch Controller (standard or panel mount version)<br>HSAJET MCX Satellite Printheads (1 - 4 pens)<br>HSAJET MCX Satellite Main Unit<br>MCX UniDraw f/Windows<br>Cable RJ45, CAT7 S/FTP, black, (1, 3, 5 or 10m)<br>Cables DVI/I (24+5) M-M, (2, 3 and 5 m)* |
| 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<br>Sensor, encoder, and beacon<br>Large selection of brackets for installation on production lines (see accessories list)   |

\*only use with cables supplied and approved by HSA Systems

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