Technical Details

**HSAJeT® MINIKEY MKHP4**

**Technology**
- HP TJ 2.5

**Print height**
- Up to 50.8 mm / 2"

**Printheads**
- 1- or 2-pen printheads

**Print distance**
- 0.5-2.0 mm (nozzle to print surface)

**Voltage**
- 100-240 VAC

**Memory**
- 2 GB internal

**Screen**
- 3.5" colour display

**Design software**
- MiniDraw (PC) or on controller

**Software menu language**
- English (multiple languages)

**Print functions, e.g.**
- Prompt
- User defined print log

**Print options**
- Variable DPI
- Left/Right, Upside-down
- Other side
- Mirrored

**Layout features**
- Max. length 65000 px (~277 cm in 600 DPI)
- Object rotation in 90 deg interval
- Works with mm/inch/point/pixel

**Remote controlling**
- Start/Stop
- Exchange job
- Change field content per print
- Change print preferences/parameters

**Interface**
- RS232 (serial)
- Ethernet (LAN) 100 Mbit
- USB 2.0
- Encoder input 3-33 V (SUB D9)
- In-/output 3-33 V (SUB D9)

**Signals**
- Low ink signal (diode)
- Print signal
- Print message signal
- Built-in sensor

**Complies to**
- CE directives

**Housing**
- Stainless steel

**Weight**
- MK controller: 1.30 kg / 2.85 lbs
- MK w 1-pen: 1.72 kg / 3.78 lbs
- MK w 2-pen: 1.88 kg / 4.13 lbs
- MK 1-pen printhead: 0.37 kg / 0.82 lbs
- MK 2-pen printhead: 0.49 kg / 1.07 lbs

**Accessories**
- USB key (included)
- MK-type printheads
- Telescope mountkit
- External sensor
- Encoder
- Mountings (Inconel 53 mm)

**NOTES:**
- The MiniKey only works with MK printheads.
- The MK printheads cannot be used with other HSA controllers.

**Vertical resolution (DPI)**

<table>
<thead>
<tr>
<th>DPI</th>
<th>Head 1 Remote</th>
<th>Head 2 Remote</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>1-pen</td>
<td>1-pen</td>
</tr>
<tr>
<td>100</td>
<td>2-pen</td>
<td>2-pen</td>
</tr>
<tr>
<td>2400</td>
<td>2-pen</td>
<td>2-pen</td>
</tr>
</tbody>
</table>

**Horizontal resolution**

<table>
<thead>
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<th>Head 2 Remote</th>
</tr>
</thead>
<tbody>
<tr>
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<td>1-pen</td>
<td>1-pen</td>
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<td>100</td>
<td>2-pan</td>
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</tr>
<tr>
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<td>2-pan</td>
<td>2-pan</td>
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</tbody>
</table>

**Basic Unit**
- Compact MK 1-pen
- Compact MK 2-pen
- MiniKey (without attached printhead)

**Remote controlling**
- Start/Stop
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- Change print preferences/parameters

**Coding & Marking made simple and fast.**
A compact printer with integrated printheads, ideal for integration in packaging lines.

**MiniKey printer**
Based upon HP TJ 2.5 technology

The HSAJeT® MiniKey is based upon reliable HP TJ 2.5 technology which offers consistent, high quality, fast printing. The printer’s user-interface is so easy to use, that it requires very little or no training.

**Advanced administrator options in software**
A flexible user level management can guarantee that correct data is printed. You are also able to grant user rights as desired and protect by a unique password. In addition content may be filled by a prompt which optionally must be validated by a different user for guaranteed accuracy.

**Print at breakthrough speeds of up to 300 m/min (984 ft/min) in 300 x 150 dpi**
- **GRAPHICS**
- **COUNTERS**
- **TEXT (ALPHANUMERICAL)**
- **DATE & TIME (REAL-TIME & ADJUSTED)**
- **LINEAR & 2D BARCODES**
- **WINDOWS FONTS**

* For information on specific barcodes please go to www.hsasystems.com
Technical Details

MINIKEY CONFIGURATIONS

MINIKEY WITH INTEGRATED 2-PEN PRINTHEAD & 2-PEN REMOTE PRINTHEAD

MINIKEY W. 1-PEN INTEGRATED (RIGHT)

MINIKEY W. 1-PEN INTEGRATED (RIGHT)

1-PEN REMOTE

2-PEN REMOTE

2-PEN REMOTE (LEFT)

COMPACT MK 1-PEN

COMPACT MK 2-PEN

Technical Details

MINIKEY DRAWINGS

1-PEN REMOTE

2-PEN REMOTE

2-PEN REMOTE (RIGHT)

1-PEN REMOTE

2-PEN REMOTE (LEFT)

COMPACT MK 1-PEN

COMPACT MK 2-PEN
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Distributor:

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