Designed to address the needs of industrial users, the Viper+ thermal inkjet (TIJ) printer is the ideal coding and marking solution for a range of primary and secondary marking applications. From basic alphanumeric codes to complex barcode codes and graphics, the Viper+ has the capability to print a wide range of codes on fast production lines. The Viper+ TJ printer helps customers improve their productivity, quality and efficiency targets with features that include: automatic cartridge setup, temperature control and portable ink level tracking.

**Uptime Advantage**
- Extensive communications protocol ideal for remote control and secondary applications
- Solid-state electronics with no moving parts
- No wear items or replacement parts outside of inkjet cartridge replacement
- Clean, no-mess operation

**Built in Productivity**
- High resolution print (up to 600 dpi) suitable for high quality small and large font codes
- Wide range of primary and secondary packaging bar codes
- Can drive up to four printheads independently or together
- Ink level tracking that moves with the ink cartridge*

**Code Assurance**
- Template creation software with rules-based message fields
- Color touch screen with WYSIWYG image display to reduce set-up errors
- Selectable ink type setting ensures the right ink is being used*
- Optional USB scanner for message selection

**Simple Usability**
- Intuitive, graphical user interface with easy to learn icon-based controls
- Auto cartridge recognition*
- Four printhead designs to aid packaging line integration

*Feature available when using authentic Videojet TJ ink cartridges
Viper+
Thermal Inkjet

Line Speed / Resolution Capability
Maximum resolution of 600 x 600 dpi
5-3600 ppm (1.5-109 ppm) at 600 x 240 dpi
Higher line speeds are possible at lower horizontal print resolutions

Printing Capabilities
Full downloadable font support using TrueType® fonts
Fully variable and merged text fields
Fully date/time and shift code formats
Auto best before date calculations
Auto incrementing/decrementing text and counters
Multiple graphic formats supported (up to maximum print area)

Bar Codes
EAN8, EAN13, UPC-A/E, CODE 128, EAN128, GS1 DataBar (including 2D composite), DataMatrix, QR, PDF417

Print Cartridge
Maximum of four 12.7 mm tall, 600 dpi print cartridges (stacked/stitched or deployed independently)
Features available with authentic Videojet TJ ink cartridges: auto cartridge recognition and parameter set up, ink batch/fill number tracking; portable ink level tracking and enhanced print speeds

Display
8.4-inch TFT SVGA (800 x 600) full-color
LCD and touch screen
WYSIWYG print preview
Full on-board diagnostics
Three levels of password protection or advanced configurable password protection
Extensive language support (22 in total)

Performance Printer

<table>
<thead>
<tr>
<th>Printhead print height</th>
<th>1 PH *</th>
<th>2 PH *</th>
<th>3 PH *</th>
<th>4 PH *</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>12.7</td>
<td>25.4</td>
<td>38.1</td>
<td>50.8</td>
</tr>
</tbody>
</table>

Maximum number of printheads
Up to 4 stacked/stitched or deployed independently

Print speed
1.5 - 75 mm/min (5 - 250 ft/min)

Maximum print resolution
600 x 600 dpi

PRINTER DIMENSIONS

<table>
<thead>
<tr>
<th>Controller</th>
<th>244.00 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>L x W x H</td>
<td>64.0 x 106.0 x 197.0</td>
</tr>
<tr>
<td>92.00 mm</td>
<td>4.82&quot;</td>
</tr>
<tr>
<td>115.00 mm</td>
<td>4.50&quot;</td>
</tr>
<tr>
<td>34.00 mm</td>
<td>1.30&quot;</td>
</tr>
</tbody>
</table>

Standard Blue Printhead

Data Interface
RS232, Ethernet, USB memory stick support, Text Communications Protocols

Controller Dimensions
9.6" (244 mm) long
3.6" (92 mm) wide
6.7" (170 mm) high
Dimensions exclude printhead, accessory cables and power supply connections

Printhead Dimensions
Four printhead options are available with different dimensions to meet line integration requirements. The following dimensions are for the Standard Blue printhead:

- 4.5" (115 mm) long
- 4.3" (110 mm) high
- 2.4" (60 mm) wide (at rub plate)
- Dimensions exclude cartridge and cable connections

Red, Green, and Gold printhead dimensions vary in length and height from Blue printhead

Temperature Range
41°F to 113°F (5°C to 45°C)

Electrical Requirements
100-240 VAC 50/60Hz

Approximate Weight (Controller)
7.0lbs (3.2 kgs)

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