HSAJET®
Micron MCHP1

HP TIJ 2.5 technology

The HSAJET® Micron is based upon reliable HP TIJ 2.5 technology which delivers consistent, high-quality, fast printing, exceptional value, and ease of use.
Micron is ideal for printing labels and for all cartons for food and pharmaceuticals. The possibilities are endless.

Load print job from USB-key

Build your print job on a PC using the free MicroDraw software delivered with the printer. Transfer to USB-key and connect to your Micron printer and you are ready to print. The layout can be saved to the internal memory and the USB-key may be removed.

Easy to integrate and use

The Micron is an 'out of the box' unit. Place an ink-cartridge in the head, connect to power and print instantly by pushing a button.
The printer takes up very little space. Not much more than the actual print cartridge itself. This makes it very easy to integrate.
Print horizontally or simply change the position of the printer 90º for printing vertically/down.

Built-in sensor

The Micron printer has an internal sensor. If external sensor is required connect this directly to the printer.
The sensor distance is easily selected when designing the print job.

½" print height

The HSAJET® Micron runs with 1 HP print cartridge allowing a print height of 12.7 mm.

Ink Cartridges

You are able to select any HP ink cartridge you want when printing with the Micron. Spot colors, UV colors or fast drying inks are all available. The voltage for the specific ink can be changed when building the print job.

Prints in 300 x 300 dpi

- GRAPHICS
- TEXT (ALPHA NUMERIC)
- COUNTERS
- BARCODES (FIXED)
- DATE & TIME (REAL-TIME & ADJUSTED)
- 3 WINDOWS TRUE TYPE FONTS

HSA SYSTEMS
A UNIQUE IMPRINT

Inkjet
Technology by hp invent

Technical Details

HSAJET® MICRON MCHP1

Technology
HP TIJ 2.5

Print frequenzy
15KHz

Print height
Up to 12.7 mm / ½"

Print heads
1 pen integrated

Print distance
0.5 - 2 mm (nozzle to print surface)

Voltage
15V (power supply included)

Design software
MicroDraw (for WinPC)

Memory
1 print job in unit

Print features
Left/Right, Upside-down

Layout features
Max. length 2400 px (~10 cm in 600 dpi)
Unicode support in text
Object rotation (fixed): free
Object rotation (variable): 180 deg
Works with mm/inch/point/pixel

Interface
USB
Encoder input 5-24V (SUB-D 9)
In-/Output 5-24V (SUB-D 9)

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

Complies to
CE directives

Housing
Stainless steel

Weight
0.53 kg / 1.17 lbs

Resolution (DPI) (horizontal x vertical)	Max. speed	
	m / min	feet / min
300 x 300	76	250
150 x 300	152	500
75 x 300	304	1000

Resolution (Horizontal)
Different resolutions can be chosen between 50 and 600 dpi.
The maximum speed is affected by selection of horizontal resolution, since the frequency of the printhead remains the same.
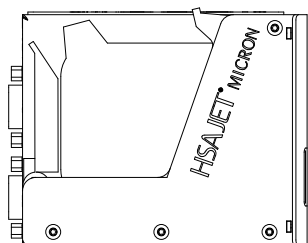75 dpi max 302 m/min to 600 dpi max 38 m/min.

Resolution (Vertical)
Save ink cost by removing lines from the printed image.
Available options are 300, 225, 200, and 150 DPI
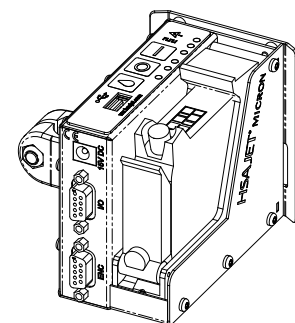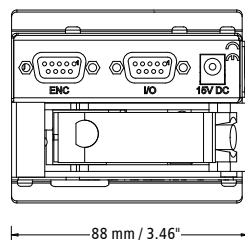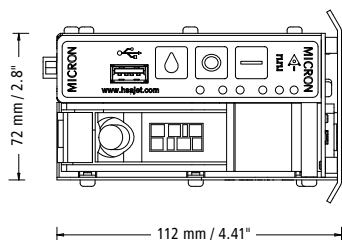(0%, 25%, 33%, 50% ink reduction).
Notice that because of print height being just ½", the number of active dots are 150 to 75.

Accessories
- USB key (included)
- External sensor
- Encoder
- Bridges & Brackets
- Mountings (Inocon FLK18 mm included)

19.5 mm / 0.8" Dist. to print nozzle

72 mm / 2.8"

112 mm / 4.41"

88 mm / 3.46"

MCHP1-R

DEALER: