

HSAJET[®] Micron MCHP1



Unique small controller
and printer in one ideal for
repeat printing jobs

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 in food and pharmaceuticals industry. 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 pressing 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 90° 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

A wide range of inks for each application are available: spot colors, UV inks or fast drying inks. The printer allows parameter settings for each ink to reach the best performance in all situations.

Prints in 300 x 300 dpi

- Graphics
- Text (alpha numeric)
- counters
- Barcodes (fixed)*
- Date & time (real-time & adjusted)
- 3 windows true type fonts

Technical Details

HSAJET® MICRON MCHP1

Technology : HP TIJ 2.5

Print frequency : 15 KHz

Print height : Up to 12.7 mm / ½"

Print heads : 1 pen integrated

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

Voltage : 15 V (power supply included)

Design software : MicroDraw (for Windows in PC)

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 2.0

Encoder input 3-33 V (SU B D 9)

In-/Output 3-33 V (SU B 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

Accessories

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

Resolution (DPI) (horizontal x vertical)	Max. Speed	
	m/min	feet/min
300 x 300 1 row	76	250
150 x 300	152	500
75 x 300	304	1000

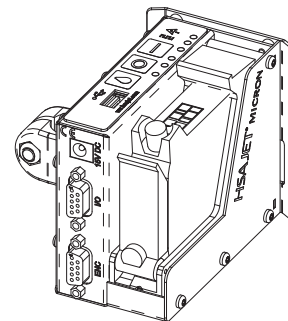
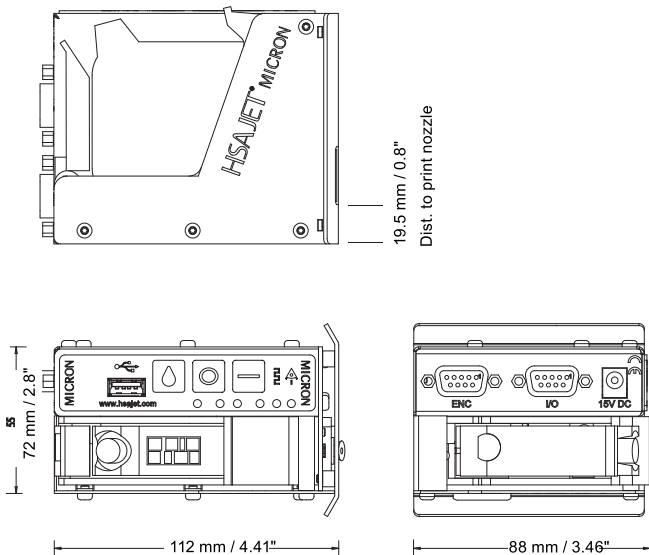
Resolution (Horizontal)

Different resolutions can be chosen between 75 and 600 dpi. The maximum speed is affected by selection of horizontal resolution, since the frequency of the printhead remains the same.

Resolution (Vertical)

Save ink costs 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.



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