



HSAJET-TCU



Compact Flash storage



Barcodes
Prints Data Matrix
Too!



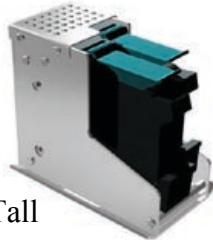
Selector Switch



TCU Controller



TCU Controller with
integrated keyboard



1.0" Tall

0.5" Tall



Ideal Solution

The HSAjet TCU is the ideal printing solution for small messages, i.e. text printing, barcode printing, counter printing, time and date printing, expiry data printing and logo printing.

It is a very compact solution and calls for a minimum amount of maintenance. Consequently, no special training is required to operate and maintain the HSAjet TCU, and the cartridges are clean and easy to install. In addition, the HSAjet TCU has a design of stainless steel and can easily be implemented in production areas.

Advanced Technology

The HSAjet TCU is based on a standard HP cartridge and makes use of the thermal inkjet technology. Thermal inkjet technology places small ink drops extremely accurately and gives a very high image and text quality.

The ink is available either black or colored, which enhances possible printing applications. The HSAjet TCU also enables printing on almost any surface such as cardboard, paper, wood, and plastic.



HSAjet-TCU (Tiny Controller Unit) is a very cost-effective printing solution designed for limited printing jobs still requiring a high-resolution and high quality print. It is the ideal solution for simple printing jobs, example: stamping of checks, paper documentation, pre-coding, carton printing, internal logistics, date documentation, integrated in letter openers, or in the pharmaceutical industry.

Tomorrows Technology Today

HSAJET TCU

		HSAjet TCU HP
Features		
text printing		unlimited fixed text Windows true type fonts
max. number of text-fields		Unlimited multiple fonts and fields
text length (characters)		Limited to 400 mm
logo printing		Message = logo
counter printing		2 per message (fixed height 0.5" or 0.25" one font)
barcode printing		BMP only
max. number of barcodes		Unlimited fixed barcodes (BMP only)
time & date printing		2-Time, 4-Date (fixed height 0.5" or 0.25" one font)
multiple fonts		yes
message creation from template (prompt)		10 per message (limited to 16 characters each)
Performance		
max. number of messages		1 standard, 10 with selector switch, 16 with Integrated or remote keyboard display
max. message length (mm)		600 dpi 180 mm, 300 dpi 360 mm, 150 dpi 720 mm
max. print height (mm)		25.4
print speed (m/min)		38 m/min at 600 x 600 dpi, 150 m/min a 300 x 300 dpi, 76 m/min at 300 x 300 dpi single nozzle row, 300 m/min 300 x 150 dpi
drop size (pL)		40
max. resolution (dpi)		600
memory capacity		Compact Flash (16 messages per card)
ink firing frequency (kHz)		12.50
max. controllable print heads		2 x HP
Operator interface language		English standard (editable)
Technology		
	thermal	x
Printing Orientation		
	side-to-side	(yes)
	from-up-to-down	yes
	distance to print surface, max.	3 mm
	distance to print surface, min.	0.5 mm
Screen Interface		
	Integrated keyboard display	Yes (optional)
Interface		
	RS232	yes
	RS485	optional
	Download from PC	yes
Inputs/Outputs		
	Product sensor / encoder (5V and 24V)	yes
	Selector switch, integrated keyboard, RS232	optional
Mechanical Dimensions		
	L x W x H - controller (mm)	120 x 50 x 110
	mechanical support / brackets	yes
Power Supply		
	external / internal voltage (V)	internal 110 or 230 (specify)
	frequency (Hz)	50 / 60
Environmental Conditions		
	operating temperature range (°C)	10 - 40
	humidity (%)	10 - 90 non-condensing
	IP approval (rating)	54
	CE compliant	yes
Warranty		
	equipment	1 year
	service (minimum)	5 years



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