

HSAjet TCU

High Quality Inkjet Printing Solution For Simple Printing Jobs

The 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, e.g. stamping of cheques, paper documentation, pre-coding, internal logistics, date documentation e.g. integrated in letter openers, or in the pharmaceutical industry.



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 stain-less 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 coloured, which enhances possible printing applications. The HSAjet TCU also enables printing on almost any surface such as cardboard, paper, wood, and plastic.

inkjet
technology by 
invent

HSAjet TCU

Features		HSAjet TCU
		HP
text printing		no fixed text (BMP only)
max. number of text-fields		-
text length (characters)		-
logo printing		message = logo
counter printing		yes
barcode printing		optional
max. number of barcodes		1
time + date printing		yes
multiple fonts		yes
message creation from template (prompt)		no
Performance		
max. number of messages		1
max. message length (mm)		400
max. print height (mm)		25.4
print speed at 300 dpi (m/min)		30
drop size (pL)		40
max. resolution (dpi)		300
memory capacity (Mb)		0.5
ink firing frequency (kHz)		12
max. controllable printheads		2 x HP
Technology		
thermal		x
Printing Orientation		
from-up-to-down		yes
side-to-side		(yes)
distance to print surface, max. (mm)		3 mm
distance to print surface, min. (mm)		0.5 mm
Interface		
RS232		yes
RS485		optional
download from PC		yes
Encoder		
quadratur		yes
Mechanical Dimensions		
L x W x H - controller (mm)		120 x 50 x 110
mechanical support / brackets		yes
Power Supply		
external / internal voltage (V)		external 115 / 230
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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