

[IJET: COMPACT
CODING]
INNOVATIVE/SMALL/POWERFUL



*ABSORBENT, VARNISHED SURFACES

*TRAYS, COLLAPSIBLE BOXES, ENVELOPES

*WOOD AND PAPER

*HP TECHNOLOGY

*OLED-DISPLAY IN PRINT HEAD

*SPECIAL PHARMACEUTICAL VERSION (GS1-DATAMATRIX)

*OPTIONAL VALIDATION DOCUMENTATION ACCORDING TO 21CFR PART 11/GAMP5

can be used in the most confined space: The iJet based on Hewlett-Packard technology is a high performance coding system especially developed for the pharmaceutical, chemical, building material and food industries. It prints on absorbent and semi-absorbent surfaces cleanly and precisely with a resolution of up to 600 dpi. These materials include packaging of all kinds. Trays, collapsible boxes, surfaces of wood, stone, metal and structured plastics can be printed with iJet in type sizes of up to 12.5 mm.

Type sizes and barcodes

iJet is able to employ all True Type sizes that can be used, and all current 1- and 2-dimensional barcodes are stored.

The entire control system is housed exclusively in the print module in an extremely confined space based on the most recent technical knowhow. The iJet is extremely compact in its design. It can be integrated flexibly in any production environment and in almost any form of system or installation. The system is controlled via LAN, USB 2.0 or Bluetooth, and optionally via RS 232, Wlan and Profinet interfaces.

The operation of the iJet is extremely user-friendly. A unique, simple to operate man-machine interface, consisting of a high resolution display and iLogic operator guidance, permits intuitive control of the entire printing unit. A number of system variants are available, with different functions, texts, variable data, logos, barcodes etc., according to the identification requirement. The iJet, with GS1Datamatrix (Tracking and Tracing) was developed for the pharmaceutical field. Because of the perfect printing resolution (up to 600 dpi), a considerable amount of information can be represented within the smallest space. The products are detected by an integrated photoelectric cell. A patented advantage: The Click'n Print rubber mounting enables the print cartridge to be changed simply and quickly in one operation. Perfect data communication allows up to 50 data exchanges a second.

real time printing of variable data from a database

- Two external inputs and outputs programmable for special customer-specific functions
- Script language for the customer-specific adaptation of action fields
- System-internal generation and linking of random numbers (generates random numbers so that the sequence is incomprehensible)
- Protection of all system conditions in the event of a power failure
- Logic system design with rotary key, OLED display and Bluetooth
- Client system design for remote control





technical data:

Dimensions

180 x 38 x 96 mm

Resolution

600 dpi vertical

Layout size

Height:

12,5 mm

Width:

830mm at 600 dpi horizontal

1,660 mm at 300 dpi horizontal

3,230 mm at 150 dpi horizontal

Character sizes

Different standard types and character heights from 1 mm to 12.5 mm per print head, optionally all Windows fonts special fonts OCR-A, OCR-B

Printing speed

up to 300 m/min as required

Barcodes

EAN 8, EAN 13, EAN 128, 2/5 ITF, 2/5 ITF with checksum code 28, UPC A, UPC E, DUN 14

2D codes:

Datamatrix, EAN Datamatrix, QR code

optional:

further 1D codes, 2D codes, stacked codes

Cycle rate

up to 3,000 images per minute

Identification

flexible from the top and laterally

Product detection

by the iJet print head by means of an internal photoelectric cell
optional: external product sensor

Data transfer

USB data stick Bluetooth, LAN network
optional:
via WLAN, RS232, Ether/IP and Profinet interfaces

Control

convenient via iDesign software

Cartridge mounting

patented Click'n Print interlocking

Font and logo memory

2 GB

Display

OLED, self-illuminating 128 x 64 pixel

IP-Schutz

IP 40, optional: IP 53





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Mark-O-Print