



PharmaJet
DMP6



MASTERPRINT PharmaJet DMP6

Economic printing, controlling and validation system developed for manufacturer, distributor and logistics companies in the pharmaceutical industry.



The Masterprint PharmaJet DMP6 labeling, verification and validation system provides a high-quality and user-friendly solution for pharmaceutical manufacturing, distribution and logistics companies, providing 100% of the highest customer-production requirements in line with the latest European Union (EU FMD), Russian and other national regulations, GS1 guidelines, and high safety standards.



MECHANICS

Precision high-speed servo-driven positive product transfer (top and bottom drive), product size adjustable in a wide range. Printing and verification on both sides of the product. High speed range: 5-100 m / min



PRODUCT VERIFICATION

2D GS1 DataMatrix classification. Quality control of the machine code containing a unique ID using a high-resolution and high-speed integrated camera system. (ISO 15415) product verification with 100% certainty.



GMP, GAMP5, CFR 21 PART 11

Online system documentation, international validation.



APPLICATION:

Suitable for every pharmaceutical and production technology labeling.



OCR / OCV

Optical Character Recognition and Verification. Verification of the readability of human-readable texts by unique characters.



DESIGN

Suitable for every pharmaceutical and production technology labeling.



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> MARKING:

- **Matrix code type to be written:** ECC 200 conform code integrated into standard GS1. (Optionally, other code types are also available)
- **Dimensions (physical):** min. 5x5 mm; max. 12x12 mm; (typical: 9x9 mm)
- **Size (data content):** min. 10x10 (row x column), max. 40x40 (row x column); (typical: 24x24)
- **Marking content:** any text, may contain fixed, product-related, batch-related or dynamic (date, time, serial number) elements
- **Marking method:** with inkjet printer in a 12.7mm area (or optionally with two heads in 25.4mm), at 300dpi resolution
- **Marking verification:** automatic, complete camera verification including the informative classification of the printed code [A/4.0 – F/0.0] and the contents verification of the printed text.
Verification area dimensions: 50mm (horizontal) x 25mm (vertical)
- **Removal of non-complying products:** products found to be defective during the verification process are sent to a collecting bin regardless of their defects, the equipment checks the removal of the defective product, and automatically shuts down in case of a serial defect (number of products can be set)

> HARDVER:

- Speed tracking set via the display or using impulse transmitter
- Precision high-speed servo-driven product transfer up to 5-100 m/minute
- Controlled product size setting
Height 5-100 mm, width 70-210 mm, length 30-200 mm
- Quick product changeover
- Reject check
- Lockable reject bin
- Configuration independent of machine fixed side
- Marking on fixed or adjustable side
- Adjustable conveyor belt height for product line integration
- Belt speed adjustment range: 5-100 m / minute
- Station marking/verification capacity: max. 250 boxes/minute.
- The equipment requires no continuous supervision, and user intervention is needed in case of settings, product change or error.

> DIMENSIONS:

Power consumption	1.2 kW (Installed power 3600 VA)
Length	920 mm (with overhang); 830 mm (without overhang)
Width	2000 mm (with monitor arm); 1700 mm (without arm)
Height	with monitor arm: 2000, without arm: 1700 mm
Delivery height	850-950 mm adjustable
Electric connection	230 V AC/16A industrial phases
Equipment weight	600 kg

> SECURITY:

- Multi-level user access
- Password-protected user interface
- System backup & restore to secure your data
- LOG report for traceability

> OPTIONS:

- Tamper Evident labeling station with integrated camera system to check for the presence of labels
- Integrated aggregation module
- Reception and tracking of external speed signal

> SOFTWARE:

- Integrated printer controller
- Integrated camera controller
- Direct database (L3) connection, automatic loading of product and production data - Track and Trace
- OCR (Optical Character Recognition) / OCV (Optical Character Verification)
- Connection to Upstream / Downstream machines -
- Multilanguage version

> USER INTERFACE:

- 15" color touch screen display
- Individual user interface according to user demand
- Operator profiles according to operator level
- Total system control

> OPERATING ENVIRONMENT:

The equipment can be installed as required, wherever the ambient temperature is not lower than +10 ° C and not higher than +40 ° C, with no dripping water and non-condensing air humidity.

> WARRANTY

12 months

> Masterprint Jelöléstechnika Kft.

H-2454 Iváncsa, Kilencedi út 6.
T: +[36-1] 203-8599
F: +[36-1] 204-8626
www.masterprint.eu