

m600 advanced



Secure, clean, fast coding with the m600 advanced

The m600 advanced thermal ink jet printer marks products and outer packaging directly with clear, high resolution print. Variable data such as best-before date, barcodes, 2D DataMatrix codes, logos and batch numbers enable traceability and help secure supply chains across a range of industries including the pharmaceutical, personal care, food and beverage industries.

Engineered specifically for the demands of the pharmaceutical industry, the m600 advanced enables traceability of the manufacturing and packaging processes enabled through the printing of unique serial numbers and high resolution 2D barcodes.



m600 advanced – simple and efficient

The m600 advanced is the ideal system for highly innovative industries with complex labels

Thanks to the latest processor and interface technology, the m600 advanced can be integrated in fully automated, complex process control systems.

- TCP/IP protocol enable complete, local activation via SPS and host
- System states can be interrogated via interface
- Optional utilization of XML formats simplifies printer-machine interface

The m600 advanced can be integrated in higher-level systems in compliance with 21 CFR Part 11 requirements and offers maximum production reliability thanks to the dual boot function of the firmware.

With the latest printing technology, the m600 advanced provides clear, high resolution images which are critical for high throughput production environments. The user-friendly, maintenance-free m600 advanced uses, economic and easy-to-replace HP ink cartridges. Wolke Universal Black 7482 genuine HP ink cartridges deliver an optimal combination of long decap time, short drying time and very good light fastness. Providing further peace of mind, Wolke m600 advanced controllers and printheads are covered by a 5-year warranty.

The Wolke m600 advanced maximizes the readability of codes, thereby improving packaging line efficiency. This printing system is compatible with the drivers of the major machine vision providers and system integrators and has been successfully integrated across a range of serialization projects.



Printing requirements

The m600 advanced features:

- Printing of variable serial numbers and label data from a database
- Full remote control possible
- Real-time printing
- Data exchange in XML format
- Returning of the label's data contents to the host
- Automatic security encryption of each printed DataMatrix code
- Integration in systems conforming to 21 CFR Part 11 possible
- Saving of counter status in case of power failure
- IQ/OQ validation documents available
- Provides field linking functions



The m600 Label Designer offers the user maximum convenience when creating and editing labels on the PC.



The m600 Ethernet Manager offers reliable file management with integrated remote control and monitoring functions for the m600 advanced.



Technical data

Hardware

Dimensions L/D/H
350/250/141.5 mm

Weight
8 kg

IP protection class
IP 65

Display
640 x 240 pixels

Memory
48 MB Flash
128 MB RAM
32 Bit Datenbus
Additional print processor

Printing speed
Up to 300 m/min

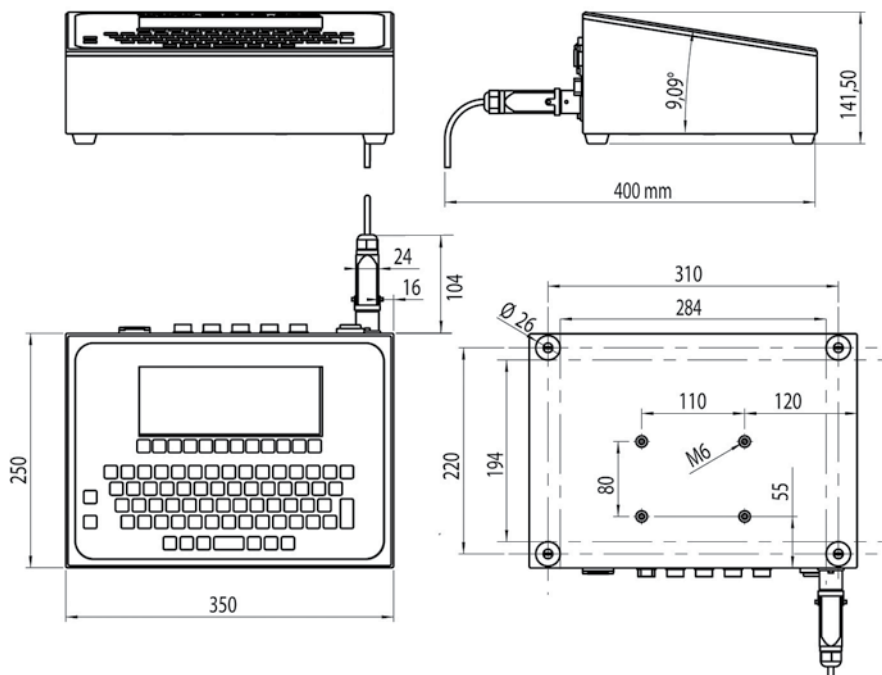
Max. resolution
600 x 600 dpi

Connections

- Maximum 4 printheads
- Shaft encoder
- 24V I/O Connector
- 5V I/O Connector
- Ethernet TCP/IP
- USB-B
- RS 232

Software

- 16 languages
- Free design of print layout
- Logos
- Text (variable/fixed)
- Counter
- Spitting function
- Unlimited number of lines
- Barcodes
- 2D DataMatrix, GS1 Datamatrix, QR Code
- XML format
- Automatic user logout
- Ink parameter optimization
- Automatic print memory refresh
- Label Designer
- Ethernet Manager



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