



PRINTING TECHNOLOGIES  
ENGINEERED IN GERMANY

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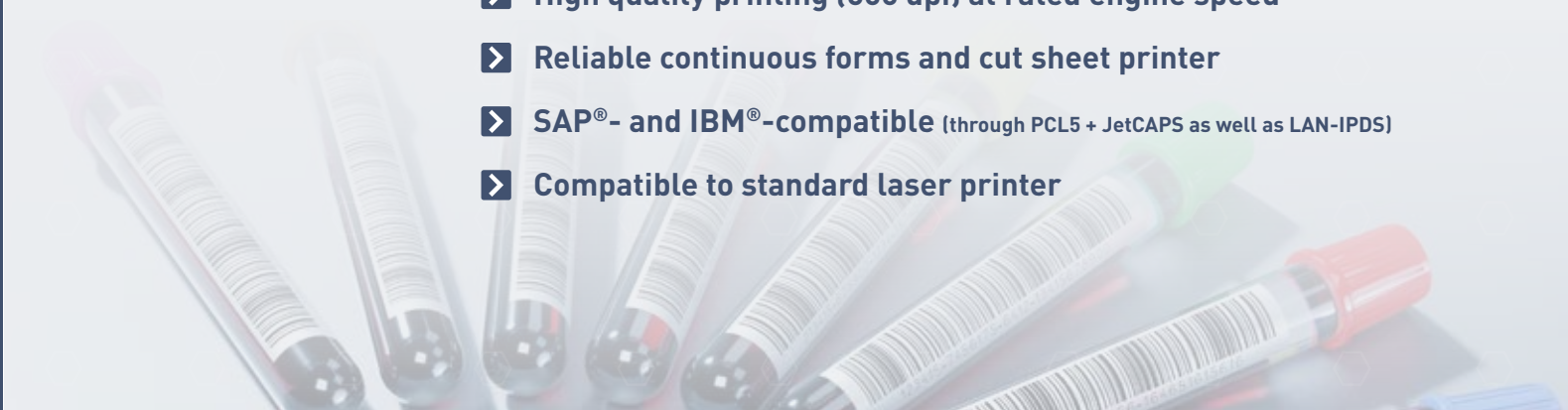
## Printing Solutions for the **Healthcare Sector**

**PRECISE AND SAFE  
PRINTING IN MEDICINE  
AND PHARMACY**

### FIELD OF APPLICATION

- Labeling, 2-color
- Barcode labels
- Administration documents and special formats
- Pharmacy

### HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Two-color printing for highly resistant labels
  - High quality printing (600 dpi) at rated engine speed
  - Reliable continuous forms and cut sheet printer
  - SAP®- and IBM®-compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
  - Compatible to standard laser printer
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# HIGH PERFORMANCE, IMPRESSIVE COST EFFECTIVENESS, PRECISE AND SECURE PRINTING



2-color labeling for hazardous warnings



logiJET TC8



High quality labeling



logiJET T4-2

## Microplex in Healthcare Industry

Printers from Microplex for the medical or healthcare sector are mainly used where there is a need for fast output, robust and easy-to-use technology, and special requirements for the printing material.

### GHS Compliant 2-Color Printing on Blank Material

The logiJET TC8 is a thermal transfer printer that is perfect for 2-color labelling of bottle labels, barrels, containers etc. It is equipped with two robust printing modules, which can be equipped with any color. So the needed stock of preprinted label materials is at its minimum, because blank labels can be used. Windows applications are supported by a Windows driver optimized for this system for all modern Windows versions.

With the logiJET TC8 you can print material with a width of 100 mm up to 222 mm and almost any length. This ensures that all relevant information can be stored in sufficient size on a label. Suitable combinations of labels and ribbons are available for a variety of applications.

A printing unit with two printing modules offers even more advantages:

- Printing on blank material
- Printing black and red in one go (GHS compliant)
- Printing on materials ready for disinfection and sterilisation
- Printing labels resistant against liquids, solvents, acids and scratches
- Completely trouble-free paper handling
- Up to 150 mm per second
- SAP® and AS/400 compatible (through PCL5 + JetCAPS / LAN-IPDS)

### Robust and Long Lasting Barcode Labelling for Medical Laboratory Materials

Unique labeling for i.e. blood bags, laboratory samples, patient records, X-ray images with serial numbers and barcodes from a wide variety of data systems is easy to implement with thermal printers from the logiJET and SOLID series. These printers support very efficient and cost-effective direct thermal printing for short-lived marking, as well as particularly robust thermal transfer printing for markings that need to be highly resistant to acids, alkalis, mechanical stresses, etc.

Microplex thermal transfer printers are also used for the long-lasting marking of medical containers and test tubes. The printers can process water-, oil- and alkali-resistant print media. A reliable assignment of the vessels through clear (barcode) marking is guaranteed.

The logiJET T4-2 for example understands more than 40 printer languages (emulations) at the same time. This allows you to process combined data streams, such as PCL5, ZPL, PDF® direct printing and IGP in one device.

- Printing mixed data streams on stickers, barcode labels and tags UHF RFID labels (optional)
- Cutting individual labels with optional cutting knife (cutter)
- Convenient further processing of labels thanks to peel-and-present module

## Use of the SOLID 45ET for the Daily Printing of Meal Cards in the Hospital Environment

This requires reliable **handling of thick media** and trouble-free printing of continuous material with subsequent **precise cutting**. Data for patient meal preparation is transmitted digitally several times a day. This information is printed on cards and assigned to the respective tray. Kitchen staff can use these meal planning cards to efficiently and accurately prepare patient menus.

The following features make the SOLID 45ET ideal for this demanding application:

- Powerful continuous-feed thermal printer for high print volumes in continuous operation
- Precise cutter for cleanly separating meal cards
- Reliable processing of strong and thicker cardboard materials for durable and stable handling
- High print speed and **fast first page** turnaround, ideal for multiple print jobs per day
- Flexible emulation support (e.g., **PCL5, PDF, IPDS**) for easy integration into existing hospital IT and catering systems
- Network-capable (including **Ethernet, USB, optional Wi-Fi**) for seamless integration with digital menu management
- Robust industrial design for daily use in kitchen environments

This ensures that meal distribution in hospitals runs smoothly, efficiently, and patient-specifically.

## Administrative Documents of Different Sizes

With the SOLID 52A4 you gain a versatile cut-sheet laser printer for administrative printing tasks. It can handle a variety of different paper formats in one device. From A6 formats for recipes to A5 formats for e.g. sick notes up to A4 formats for reports etc. can be kept in one printer at the same time. The correct format is drawn from one of the paper cassettes as required.

- SOLID 52A4:**
  - Many different paper sizes supported in one printer
  - A6, A5 and A4 size paper feed from internal cassettes
  - Print speed up to 52 A4 pages per minute
  - Optional WIFI and PDF® direct printing

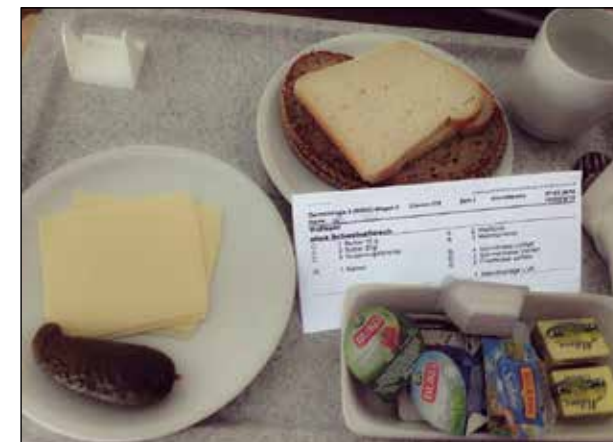
## Customized Firmware Adaptation

Our in-house product development and our product support with short communication channels guarantee individual and customized adaptation to the requirements of the application in cooperation with our customers.

- Adding possible new standards or barcode technologies
- Emulation adaptations to fully support the application print data
- Customization depending on application



SOLID 45ET - Continuous Thermal Printer



Meal Guide Cards



SOLID 52A4



Administrative Documents