ONLINE THERMAL INKJET PRINTER

MO-127

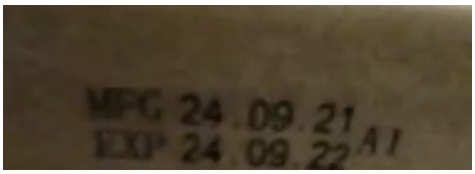
Online TIJ coder for dates, lot numbers, counters, barcodes and QR codes, right on the production line

Touchscreen controller and a separate 12.7 mm print head that fits any conveyor. Open ink system, no maintenance.





Date code on flow-pack trays



Production and expiry dates on a carton



Date code on flow-wrap packaging

12.7 mm
Maximum print height

600 dpi
Resolution

70 m/min
Maximum line speed

<35 W
Power consumption

The controller sits where the operator can reach it, the print head goes **right at the conveyor**. Messages are edited on the touchscreen exactly as they will print; a photocell triggers each print and an encoder follows the line speed. With the open ink system you pick the cartridge for the material, and changing it renews the whole print system.

01	Touchscreen controller, WYSIWYG message editing
02	Separate print head on a 1.5 m cable, fits any conveyor
03	Open system: water-based or solvent cartridge
04	No pumps or filters, practically maintenance-free
05	Photocell, encoder and PLC signal inputs

01 What it prints

Aa	31	001	|||	QR	Logo
Text numbers, symbols	**Date** time, expiry	**Counter** with step	**Barcode** several types	**QR / DM** fixed or variable	**Logo** image via USB

PRINT TRIGGER

- **Photocell**
- **Encoder**
- **PLC signal**

02 Key specifications

Technology	**Thermal inkjet (TIJ), 1 print head**
Print height	**up to 12.7 mm**
Resolution	**up to 600 × 600 dpi**
Line speed	**up to 70 m/min, depending on ink and resolution**
Print distance	**2–5 mm from the surface**
Ink	**Half-inch cartridge, water-based or solvent**
Display	**Touchscreen, multilingual menu**
Interfaces	**USB, photocell, encoder, PLC signal**
Power	**100–240 V AC, <35 W**
Operating conditions	**10–45 °C, 5–85% RH**
Dimensions	**Controller 190 × 130 × 38 mm · head 115 × 58 × 110 mm**
Weight	**Controller 820 g · print head 250 g**

Adhesion and durability of the print depend on the material and the ink. Detailed data is supplied with the quotation.

PRINTS ON

Carton · Paper and labels · Flexible film · PET and rigid plastic · Metal · Wood · Cable and pipe

> Water-based for porous materials such as carton, paper and wood. Solvent-based for non-porous ones such as plastic, film and metal.

ON THE LINE

Controller and print head mount on brackets beside the conveyor. The print head can print sideways or from above.

ALSO AVAILABLE

Two-head version for print heights up to 25.4 mm, and MO-508 with up to four heads for codes up to 50.8 mm.

03 MELARKO support

Training

We walk you through the printer and message creation, on site or remotely.

Service and consumables

Factory-trained technicians, spare parts in stock and the right cartridge for your material.

No production downtime

A replacement unit while yours is being repaired. Coverage in Bulgaria, Greece, North Macedonia, Turkey and the Balkans.

Tell us what you need to mark

Send us the material, the message and the line speed. We will recommend the right ink and send you a quotation for the MO-127.

CONTACT

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