

# CT1000 Thermal Inkjet Printer



**600**

DPI Resolution

**249**

Ft/Min Speed

**0.5"**

Print Height

**3-5mm**

Throw Distance

The CT1000 is a compact, plug-and-play thermal inkjet coder engineered for production-line simplicity without compromising reliability or output quality. With its WYSIWYG message editor and onboard 3.5" display, operators can create and adjust print jobs with minimal training — keeping your line moving and your team focused on production, not troubleshooting.

## Built for Fast Starts, Reliable Performance, and Long-Term Value

No complicated integration. No hidden costs. The CT1000 comes as a fully loaded starter kit that gets you printing in under 30 minutes — no tech team needed. Everything is organized for a quick install. Just unbox, connect, and go.

## Reliable Marking for Most Materials

Print on cartons, films, plastics, and more — with confidence. Thanks to Matthews' versatile ink options — including water-based and solvent-based formulas — the CT1000 delivers durable, high-contrast marks across porous, semi-porous, and non-porous surfaces.

## Control and Monitor from Anywhere

Smart functionality for smarter operations. Access the CT1000 remotely from any standard web browser. Whether you're on the floor or off-site, you can monitor job progress, update messages, and check status in real time — no software installation needed.

## TECHNICAL SPECIFICATIONS

Resolution	Maximum 600 dpi
Print Speed	Up to 249 ft/min (76 m/min) at 300 DPI
Print Height	Maximum 0.5 in (12.7 mm)
Throw Distance	3-5 mm
Display	3.5" LCD with optional remote monitoring
Power	AC 100V-240V, 50/60Hz · DC 24V 2.5A
Dimensions	4.7 × 3.3 × 3.5 in (120.6 × 86.1 × 90.5 mm)
Weight	1.4 lbs (644.7g)
Max. Message	4.9 ft (1.5 m)
Print Density	Variable, 3 levels
Database Input	TXT, CSV import supported
Connectivity	D-sub connector · photoeye / encoder
Print Languages	English, Spanish, Chinese, Arabic, Japanese + 8 more
Barcode Types	Code 39/128, EAN, QR, Datamatrix, GS1 Datamatrix
Message Types	Text, Counter, Datetime, Julian Date, Shift Code, Image, Database



## KEY FEATURES

### WYSIWYG Message Editor

Design messages directly on the display — resize logos, barcodes, and text freely. What you see is exactly what prints.

### Broad Barcode Support

Handles 1D and 2D codes including QR, Datamatrix, and GS1 for compliance, traceability, and logistics.

### Database Integration

Import TXT and CSV files for variable data applications and high-volume batch production runs.

## TYPICAL APPLICATIONS

- FOOD & BEVERAGE
- CASE & CARTON
- PHARMACEUTICAL
- PACKAGING LINES
- LOT CODING
- DATE CODING
- TRACEABILITY
- COMPLIANCE

## The Peak Advantage - More than a reseller

### Application Consultation

We evaluate your production environment and recommend the right coding solution for your substrate, speed, and content requirements — before you buy.

### Installation & Training

Our team handles on-site installation and provides hands-on operator training so your team is productive from day one.

### Ongoing Support

Parts, supplies, and direct technical support from Peak — no runaround, no manufacturer call centers, no waiting on hold.