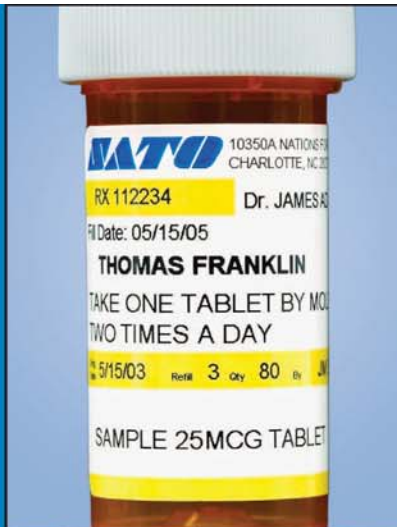


**SATO**  
HealthCARE  
ID Solutions

# CTMD Series

Compact Thermal  
Wristband & Label Printer



SATO's CTMD Series of printers are the "best in breed" for your thermal printing of wristbands and labels. Its small, compact design makes it a clear winning alternative to many other thermal printers. Small, yet robust, the CTMD Series will consistently provide you quality printing whenever you need, wherever you need.

By design the CTMD printers are quiet enough to be placed in the most sensitive of areas. A product designed for high-quality, high performance, demanding applications in Healthcare and Life Sciences.

Our solution helps you meet the demanding requirements of the FDA, AHA, HIPAA and JCAHO guidelines for patient identification wristbands and labels.



## Compact Design

Using less than 25% of the counter space now dedicated to card embossers.

## Quiet Operation

So quiet these printers may be used by any department, on any floor, anywhere, or at anytime.

## High Capacity

Prints a roll of 500 wristbands, or thousands of labels before reloading.

## EZ Loading

Its high lift printhead and drop in consumable design makes loading EASY and FAST!

## Very Affordable

Its thermal printing at its best! No need for expensive toner or color ink cartridges, wasted labels or other costly consumables!



# SPECIFICATIONS



	CT400MD	CT410MD
Printing Method	Direct Thermal Technology	
Print Resolution	203 dpi (8 dpmm)	305 dpi (12 dpmm)
Print Speed	6 ips (150 mm/second)	4 ips (100 mm/second)
Media Width	Max. 4.6" (118 mm) / Min. 1" (25 mm)	
Max. Print Width	4.1" (104 mm)	
Min. Print Length	0.6" (15 mm)	
Max. Print Length	15.7" (400 mm)	
Dimensions	7.8" W x 9.1" D x 7.1" H (198 mm W x 230 mm D x 181 mm H)	
Weight	6.6 lbs (3 kg)	

**Memory:**

8 MB SRAM  
2 MB Flash ROM

**Processor:**

32-BIT RISC

**Media:**

Thermal wristbands; direct-thermal and synthetic labels and tags roll-fed, fanfold or die-cut.

Max. Caliper: 0.0075" (0.19 mm)

Max. Roll Diameter: 4.4" (110 mm)

Wind: Face-Out

**Sensing:**

Adjustable transmissive sensor for gap.  
Reflective sensor for black mark. Automatic, programmable setting of top of form. Label present sensor - optional with label dispenser.

**Communication Interfaces:**

Standard:

- IEEE1284, High-Speed, Bi-directional

Options:

- Serial RS232 (up to 57.6k bps)
- Ethernet - 10/100BaseT
- Wi-Fi™ - 802.11b
- USB

**Barcode Symbologies:**

**Linear:** UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet, UCC/EAN 128, RSS Composite Code

**2-Dimensional:** PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix

**Fonts:**

Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858). Scalable Internal CG Triumvirate® & CG Times® fonts. Optional Downloaded TrueType® fonts, scalable from 8 to 72 points.

**Barcode & Font Formatting:**

360° rotation of barcodes and text, character expansion horizontally and vertically, sequential numbering, form overlay for high-speed editing of complex formats.

**Graphic Support:**

Printing & storage of .PCX, .BMP and .jpg format, SATO Hex/binary

**Software:**

Windows® Drivers (Windows® 95, 98, ME, NT4.0, 2000, XP)

"Label Gallery Free" - Label Software

Printer Utilities

Data-Link™ (sold separately)

**Electrical Requirements:**

115V/220V (± 10%), 50/60 Hz (± 1%)

Agency Certifications: CE, UL, CSA, TÜV

**Environmental Requirements:**

Operating: 41° to 104°F (5° to 40°C)

15-85% RH, non-condensing

Storage: 0° to 104°F (-20° to 40°C)

Max. 90% RH, non-condensing

EDS: 8kV

**Optional Features:**

Label Cutter (factory installed), Label Dispenser (factory installed), Ethernet, 802.11b Wireless, Label Gallery Software, External Keyboard



Network I/F



Keyboard



Data-Link™



Consumables