SATO CT4-LX

Available Now!

Compatible with:

HemaTrax®

Blood Labeling Software

HemaTrax®-CT

Cellular Therapy Labeling Software

HemaTrax® blood label

The CT4-LX four-inch desktop printer is perfect for labeling both blood and cellular therapy products. Use this fast, precise and intelligent system to print all your bar code product labels. This small printer is 9.3" long, 7" wide and weighs only 7.5 pounds so it fits well into most healthcare environments. Using our compatible software for either application ensures that your labels will conform to all ICCBBA standards. And, you can operate the CT4-LX in standalone or network integrated mode, depending upon your needs.

HemaTrax®-CT Cellular Therapy label

Bluetooth™ · **N** · **PDF Direct Print** · **SATO AEP** Application Enabled Printing · **SOS** SATO Online Services · **RFID** SOLUTIONS · **WiFi CERTIFIED®** · **RAIN RFID**

GENERAL SPECIFICATIONS / CT4-LX

PRODUCT SPECIFICATIONS

Print Resolution			203 dpi		305 dpi	
Print Speed			8 ips	Linerless: 4 ips	6 ips	Linerless: 4 ips
Print Area	Max Width		4.09" (104mm)			
	Max Length		98.43" (2500mm)		59.06" (1500mm)	
Media Size (with liner)	Width	Standard	0.98" - 4.65" (25 -118mm)			
		Linerless	0.98" - 4.33" (25 - 110mm)			
	Length	Continuous	0.39" - 15.74" (10 - 400mm)			
		Tear-off	0.98" - 15.74" (25 - 400mm)			
		Cutter	0.91" - 15.74" (23 - 400mm)			
		Dispenser	0.91" - 15.74" (23 - 400mm)			
		Linerless	0.98" - 3.94" (25 - 100mm)			

PRINTING SPECIFICATIONS

Method
Direct Thermal or Thermal Transfer

Mode
Continuous, Tear-off, Cutter, Dispenser, Linerless

MEDIA SPECIFICATIONS

Sensor Type
Transmissive Sensor for Gap, Reflective Sensor for Black Mark, Paper Out, Ribbon Out

Media Type
Roll (Continuous, Die-cut, Linerless), Fan-fold, Tag, Ticket

Media

Thickness (Label & Liner)
0.0031" - 0.075" (0.08 - 0.19mm)

Roll Diameter
Maximum: 5.04" (128mm) on 1.5" core
RFID: 4.53" (115mm) on 3" ID core

Wind
Face-in / Face-out
RFID: Face-out

Ribbon

Length
328' (100m) on 0.5" ID Core

Width
1.77" - 4.37" (45 - 111mm)

Roll Diameter
1.5" (40mm)

Wind
Face-out

SATO Genuine Consumables
For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.

FONT SPECIFICATIONS

Internal Fonts
24 Bitmap SATO Fonts, 33 Scalable SATO Fonts, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)

RFID SPECIFICATIONS

Options
UHF: Gen 2 ISO/IEC18000-6 Type C
HF/NFC: ISO/IEC14443 (Type A), ISO/IEC15693, or ISO/IEC18092

CONNECTIVITY

Standard
USB 2.0 (Type A, Type B), Ethernet (DHCPv4/DHCPv6), NFC

Optional Interfaces
Wi-Fi and Bluetooth Ver 4.1 or RS232C Option (Wi-Fi® and Wi-Fi Direct® Certified IEEE 802.11ac, Dual Band (2.4 GHz, 5 GHz))

MEMORY & PROCESSING

Printer Memory
4GB Flash, 1GB RAM

User Downloadable Fonts, Videos, Graphics or Format
Maximum 1GB

USER FRIENDLY SUPPORT TOOLS

Large Status LED
Blue / Red

Audible Alerts
Adjustable Volume Setting

Self Diagnosis
Head Check, Stand-by Mode, Cutter-Cover Open, Auto-Calibration

Display Panel
4.3" Full Color Resistive Touch Screen

Tool-Free Maintenance
Print Head and Platen Replacement

Multi-national Language Support
47 Printable Languages with Scalable Fonts
31 Major Latin, Pan-European and Asian Languages for LCD Menu

Operation Videos
Multiple Instructional Videos On-board, Space for Customized Videos

Emulation
Auto Detect - SBPL®, SEPL®, SZPL®, SDPL®, SIPL® or STCL® (Pre-installed), XML, PDF Direct Printing*, AEP*
*Contact your SATO Sales Representative for more information/requirements

Remote Maintenance
SNMP Ver. 3, Web Interfaces, SATO Online Services (SOS), All-In-One Tool (AIOT), SOTI Connect

OPTIONS
Guillotine Cutter, Linerless Cutter, Dispenser, RS-232C, Real-Time Clock, Wireless LAN and Bluetooth, UHF RFID, HF RFID (RFID is pre-installed)

BAR CODE SYMBOLOGIES

Barcodes

Linear
Code 39, Code 93, Code 128, CODABAR (NW7), EAN8/13, GS1-Databar™, GS1-128 (UCC/EAN128), Interleaved 2/5, Industrial 2/5, JAN 8/13, Matrix 2/5, MS1, Bookland, Postnet™, UPC-A/E

2D Symbologies
PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbologies, Aztec

OPERATING CHARACTERISTICS

Electrical Requirements
AC100V ~ AC240V ± 10%, 50/60 Hz (AC adapter)
Output: DC24V ± 5.0% 2.7A

Standards & Agency Approvals
Please contact SATO regarding agency approvals in your region.

Environment

Operating
32 - 104°F (0 - 40°C) / 30 - 80% RH (without condensation)

Linerless
41 - 95°F (5 - 35°C) / 30 -75% RH (without condensation)

Storage
14 - 140°F (-10 - 60°C) / 15 - 90% RH (without condensation)

PHYSICAL CHARACTERISTICS

Dimensions
9.37" L x 7.0" W x 8.43" H (238mm x 177.8mm x 214.1mm)

Weight
7.5 lbs (3.4kg)

MISCELLANEOUS

Functions - Useful Features
Standalone Printing with SATO Application Enabled Printing (AEP), SATO Online Services (SOS), Multiple Interfaces-Auto-Switching, Auto Clone, Status Return, Label Waste Prevention

Rotation
Auto-label Rotation: 0°, 90°, 180°, 270°