Light Industrial Label Printer
TC Series

The TC Series is a light industrial barcode label printer with an outstanding set of features in a durable metal housing. With a print speed up to 4ips the TC Series fulfills mid to low volume printing requirements, and its large complement of 8MB Flash memory and 8MB SDRAM ensures smooth and stable operation. The printer provides a 4.1-inch (104mm) printing width and can be set for direct thermal or thermal transfer printing. The TC Series features easy loading for ribbon and media rolls. A super large media bay provides the capacity for a range of media rolls with up to a-inch 00 and 1-inch to 3-inch 10 media core, as well as space for a ribbon of up to 300M. The ribbon can be wound ink-side out or ink-side in. A fanfold slot allows the feeding of a variety of fanfold media through the rear of the printer. The TC Series provides several paper sensors for diverse applications, and sensing various media sizes is easily set without connecting to a computer. It also supports different media calibration modes to meet different demands. The TC Series supports standard communication interfaces, such as USB, Parallel, and Serial RS·232, and it also connects scanners for standalone operation. A full range of options include a cutter, peeler, stacker, RTC card. Emulations for implementing various applications include SOPL, SEPL and SZPL, and it supports Win 7 and Win a operating systems. Industrial and commercial applications include logistics labeling, inventory labeling, clothing tags, shipping & receiving, postal & mailing, and medical management. For industrial environments and applications the TC Series is the ideal barcode and Label printer.

Specifications	TC408 TC408X
Printing Method	Direct Thermal / Thermal Transfer
Printing Resolution	203 dpi (8 dots/mm)
Printing Speed	2~up to 4ips (50.8~101.6mm/s)
Printing Length	Max 100"(2540mm) - Min 0.2"(5mm)
Printing Width	Max 4.1"(104mm)
Memory	8MB DRAM(5MB user available) - 8MB Flash ROM(6MB user available)
CPU Type	32 bit RISC microprocessor
Sensors	Media gap & black line Reflective sensor x 1 (movable) & Media Transmissive sensor x 1 (Centrally fixed) / Head open switch / Ribbon end sensor
Operation Interface	3 x LED indicator (Ready/Media/Ribbon) 3 x Button Feed (Config.) / Pause (Calibr.) / Cancel (Reset))
Interface	Parallel, RS-232(Baud rate: 2400~115200 bps), USB
Emulation	TC408X: SZPL TC408: SDPL, SEPL selectable
Internal fonts	SDPL : 9 fonts with different point size, 6 fonts with ASD smooth font, Courier font with different symbol sets. SEPL : 5 alpha-nuneric fonts from 0.049" H ~ 0,23" H (11.25mm - 6.0mm) SZPL : 8 (A~H) fonts with different point size. 8 AGFA fonts: 7 (P~V) fonts with fixed different point size (not scalable), 1 (0) font with scaling point size. Soft fonts are downloadable for all Emulation trough font Utility
1D Barcode	All Emulations: Code 39, UPC-A, UPC-E, Code 128 subset A/B/C, EAN-13, EAN-8 (Standard, 2 /5digit add-on), Codabar, UPC2, UPC5, Code 93, Postnet,UCC/EAN-128, Interleaved 2 of 5 SDPL : HBIC, Plessey, UCC/EAN-128 K-MART, UCC/EAN-128 Random weight, UCC/EAN-128 Random weight, Telepen, FIM SEPL : Code 128 auto, UCC/EAN code 128 (GS1-128) , German Postcode, Matrix 2 of 5, GS1 Data bar (RSS) SZPL : MSI, Code 11, Plessey, GS1 Data bar (RSS) , Logmars
2D Barcode	All Emualations: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec Barcode Micro PDF417
Software - Label editing	Windows Driver (Windows XP/Vista/7/8) BarTender® from Seagull Scientific
Software – Utility	Printer Utility, Font Utility
Media Type	Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain paper and fabric label **
Media	Max Width:4.33"(110mm) Min Width:1"(25.4mm) Thickness:0.0025"~0.01"(0.0635~0.254mm)**
Max roll capacity(OD)	8"(203mm) Core size:1"(25.4mm)/ 1.5"(38.1mm) / 3"(76.2mm)
Ribbon roll	Ribbon Length: max 300m Core size 1" (25.4mm) Ribbon Width: 1"~4", Ribbon wound ink-side out or ink-side in Ribbon Type: Wax, Wax/Resin, Resin
Dimensions	W 282.7mm x H 285.4mm x L 466.6mm
Weight	9 kg
Power Source	Internal Universal Switching Power supply Input voltage: 100~240V, 50~60Hz
Operation Environment	Operation Temperature: 40°F~100⁰F (4°C~38°C), Umidity : 10% ~ 90% non-condensing, Storage Temperature: -4°F~122°F (-20°C~50°C)
Optional Items	**Cutter, Peeler, Stacker, RTC Card**
Agency Listing	C E RoHS

SATO TC SERIES

Metal construction, 300M ribbon & 8" OD media capacity

Up to 4ips speed

Expanded memory for saving font, graphic and form

Multiple communication interfaces

SDPL / SEPL / SZPL emulations available for easy application imple-mentations

A variety of paper sensor system for diverse applications

Ribbon wound ink-side out or ink-side in

Four Auto-Calibration modes

Easy media and ribbon loading

Full range of options: Cutter, Peeler, Stacker,RTC card,

Support WinXp, win7 & Win8

Ceaseless Creativity for a Sustainable World