SATO
DCS & Labelling Worldwide

Big on functions small in size

Portable, Intuitive Standalone

TH2

INDUSTRY VERTICALS

- Hospitality & Commercial Services
- Retail

APPLICATIONS

- Price marking & price markdown
- Shelf labeling
- Parking Tickets/ Receipts
- Small goods labeling
  (E.g. Cosmetics. Jewelry)
- Stock control
- Item identification
- Incoming goods labeling

FEATURES

- Self-contained printing solution
- Compact, portable, battery operated printer
- AEP programming interface for easy label design and setup
- Real time calendar for date coded labeling
- Wide and adjustable LCD screen display
- Easy file transfer/ update of product lists
- Supports 2D barcode printing
- Multiple Interface – USB/ LAN
- Supports multiple language printing & display
- Linerless option

▶ **One-Touch Printing**

Download product lists into the printer and print at ease with the touch of a button.

▶ **Store 30,000 Product Records**

Store up to 30,000 product records in the TH2

▶ **Standalone Printing System**

Built-in keypad, no need for PC

▶ **Date & Time Stamp**

Real-Time-Calendar for automatic date and time stamp labeling

▶ **Intuitive Operation**

Specially designed alphanumeric keypad; large, adjustable backlit LCD for easy scrolling through menu

▶ **High Resolution Printing**

Prints text, graphics, linear and 2D barcodes

▶ **Anti-Microbial Casing**

Ideal for clean environments where hygiene control and contamination prevention is vital

ACCESSORIES

Cutter Option
Cuts and separates each label from another for easy application

Linerless Option
No backing/liner waste and more labels per roll

SATO GREEN
S O L U T I O N S

PRINTING SPECIFICATIONS		TH2
Print Method		Direct Thermal
Print Resolution		203dpi (8 dots/mm)
Max Print Speed		4ips (100 mm/sec)
Max Print Area		2.2" (56mm) W x 6.14" (156mm) L
MEDIA SPECIFICATIONS		
Sensor Type		I-Mark Sensor, Label Gap Sensor
Media Type		Roll-fed, die-cut or continuous direct thermal labels, synthetics, and tag stock with or without black mark or gap. Linerless labels with linerless printer option
Media Size	Continuous, Cutter, Tear-off	L: 0.9" to 6.1" (16 to 156mm), With backing paper: 0.7" to 6.2" (19 to 159mm) W: 0.9" to 2.3" (25 to 60mm), With backing paper: 1.1" to 2.4" (28 to 63mm)
	Dispenser	L: 0.6" to 4.6" (16 to 117mm), With backing paper: 0.6" to 4.7" (16 to 120mm) W: 0.9" to 2.3" (25 to 60mm), With backing paper: 1.1" to 2.4" (28 to 63mm)
	Linerless	Without cutter: L: 1" to 3.9" (25.4 to 100mm), W: 1.1" to 2.3" (28 to 60mm) With cutter: L: 1.7" to 3.9" (45 to 100mm), W: 1.1" to 2.3" (28 to 60mm)
Media Specs	Media roll size	Max external diameter: 2.9" (75mm), Paper core internal diameter: 1" (26mm)
	Label thickness	0.005" (0.14 mm) ~ 0.007" (0.19mm)
	Wind Direction	Face-in/Face-out
MEMORY/PROCESSING		
Main Memory		Main memory (Flash ROM): 12MB, 8 MB SDRAM
CPU		32bit RISC-CPU
COMMUNICATION INTERFACES		
Standard Interface		USB (Full speed) / USB + LAN
FONTS/BARCODE SYMBOLOGIES		
Internal Fonts	Bitmap fonts	M 13×20, S 8×15, U+XU 5×9 (Alphanumeric, Symbols), X1 20×50(Alphanumeric, Symbols), X2 8×20(Alphanumeric, Symbols), X3 13×21(Alphanumeric, Symbols), OCR-B 20×24(Alphanumeric Capital), PRICE Character 16×24 (Number, Period, Currency Mark), POP1 28×48(Number, Currency Mark, Comma), POP2 48×68(Number, Currency Mark, Comma), POP3 26×56(Number, Currency Mark, Comma), Support subscript (e.g. the 2 in H_2O) (Numbers Only) X1, X2, X3
	Rasterized fonts	SATO Sans, SATO Serif
Barcodes	1D Barcode	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128A/B/C, GS1-128 (UCC/EAN128), Codabar (NW–7),
	2D Barcode	QR Code (Including Ver.8.1 Micro QR), Datamatrix
	Character Rotation	Bitmap text and barcodes 0º, 90º, 180º, 270º. True Type text can be rotated at 1º increments
OPERATING & ENVIRONMENTAL		
Power Consumption		At peak (30% printing ratio): 64.0VA/42.5W, standby: 12.6VA/6.2 W
AC adaptor		Input voltage AC100–240V±10%
Environment		Operating: 32 to 104ºF (0 to 40ºC) / 30~80% RH (without condensation) Storage: 23 to 140ºF (-5~60ºC) / 30-90% RH (without condensation)
Dimensions		5.19" (132mm) W x 7.64" (194mm) D x 5.79" (147mm) H
Weight		3.78 lbs (1.7 kg)
Antibacterial Finishing		Resin of the enclosure/ control panel includes an anti-bacterial substance tested according to JIS Z 2801: Product test for
Regulatory		USA / Canada: FCC15B Class B, Europe: CE (EN55022, EN55024), Singapore: IDA. China: GB9254-1998 GB17625.1 (2003), Korea: KN22, KN24
ACCESSORIES & OPTIONS		
Options		Cutter, Barcode scanner, Battery, Battery charger, Linerless