SATO

High Performance Printing for medium to large sized retailers Suitable for Volume Printing

Powerful Features

- High print speed of 10ips
- Supports tags up to 0.33mm thick
- Large LCD display
- Plug-in interface card - USB / LAN / WLAN / Parallel / RS-232C

Accessories

Stacker (for tag printing) – Reduce downtime between print jobs with Print, Cut & Stack option.

Rewinder (for tag & label printing) – Reduce downtime between print jobs with continuous printing.

Keypad – For standalone printing without a need to connect to PC.

👍 SMART FUNCTIONS

- 2-in-1 printing solution - Print tags & labels

front pre-printed tag	back print label	front pre-printed tag	back print label	front print directly on tag	back print logo

front pre-printed tag	back print directly on tag	front pre-printed tag	back print label

front print directly on tag	back print directly on tag	front pre-printed tag	back print directly on tag

- Automated Print-Cut-Stack function for hassle-free printing
- Separation of tags for batch printing

Longer tag cut for batch separation

Ink Mark as batch separator

The printer separates tags by cutting the first tag longer or using the ink roller mechanism to place an ink mark on the side of each batch separator tag.

- Energy-saving LCD display
- Precision cutting of tags/labels
- Standalone printing using keypad

PRINTER MODEL			TG308	TG312
PRINT SPECIFICATIONS				
Print Method			Direct Thermal/Thermal Transfer	
Print Resolution			8 dots/mm (203dpi)	12 dots/mm (305dpi)
Max Print Speed			250mm/sec (10ips)	
Max. Print Area			(WxP): 80 x 240mm (3.15" x 9.45")	
CPU			32 Bits RISC-CPU 100MHz	
Printer Body Memory			Flash Rom : 8MB	
MEDIA SPECIFICATIONS				
Sensor Type			I-mark sensor (Reflective type), Label Gap sensor (Can be used for center hole sensor, transmissive type), Side hole sensor, Notch sensor (Edge detection), Jump hole sensor	
Media	Label Size	Continuous	L: 16 ~ 237mm (0.63" ~ 9.33"), With backing paper: 19 ~ 240mm (0.75" ~ 9.45") W: 22 ~ 80mm (0.87" ~ 3.15"), With backing paper: 25 ~ 83mm (0.98" ~ 3.27")	
		Cutter	L: 22 ~ 237mm (0.87" ~ 9.33"), With backing paper: 25 ~ 240mm (0.98" ~ 9.45") W: 22 ~ 80mm (0.87" ~ 3.15"), With backing paper: 25 ~ 83mm (0.98" ~ 3.27")	
	Tag Size	Continuous	L: 25 ~ 240mm (0.98" ~ 9.45"), W: 32 ~ 83mm (1.26" x 3.27")	
		Cutter	L: 25 ~ 240mm (0.98" x 9.45"), W: 32 ~ 83mm (1.26" x 3.27")	
	Label Thickness		140 to 265µm (0.14 to 0.265mm)	
	Tag Thickness		157 to 330µm (0.157 to 0.33mm)	
	Wind Direction		Face-in/Face-out	
	Media Roll Size		Max external diameter: φ250mm (10"), Paper core inner core diameter: φ76.4mm (3"), φ102mm (4") *A core adapter is required for 4-inch roll core.	
	Ribbon Size	Length	Max 450mm roll	
		Width	84mm maximum	
		Rewind Direction	Both forward and reverse winding	
FONT/SYMBOLOGIES				
Standard Fonts	Bitmap Fonts		Alpha-numerical, Symbol: XU (5x9 dot), XS (17x17 dot), XM (24x24 dot), XB (48x48 dot), XL (48x48 dot), OCR-A (15x22 dot), OCR-B (20x24 dot)	Alpha-numerical, Symbol: XU (5x9 dot), XS (17x17 dot), XM (24x24 dot), XB (48x48 dot), XL (48x48 dot), OCR-A (22x23 dot), OCR-B (30x36 dot)
	Rasterized Fonts		CG Times (Alphanumeric, symbols), CG Triumvarite (Alphanumeric, symbols)	
Barcode	1D Barcode		UPC-A/ UPC-E, EAN8/13, CODE39, CODE93, CODE128 GS1-128 (UCC/EA/N128), CODABAR(NW-7), Short CODARBAR(NW-7), ITF, INDUSTRIAL 2of5, MATRIX 2of5, BOOKLAND, MSI, POSTNET, GS1 DATABAR (RSS), GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omni-Directional, GS1 DataBar Limited, GS1 DataBar Expanded,GS1 DataBar Expanded Stacked	
	2D Barcode		PDF417 (Ver2.4), MAXI code (Ver3.0), QR Code (Ver 8.1 including Micro QR), GS1 Data Matrix (ECC200)	
Compostite Symbols			EAN-13 Composite (CC-A/CC-B), EAN-8 Composite (CC-A/CC-B), UPC-A Composite (CC-A/CC-B), UPC-E Composite (CC-A/CC-B), GS1-128 Composite (CC-A/CC-B/CC-C), GS1 DataBar Composite (CC-A/CC-B), GS1 DataBar Truncated Composite (CC-A/CC-B), GS1 DataBar Stacked Composite (CC-A/CC-B), GS1 DataBar Stacked Omni-Directional Composite (CC-A/CC-B), GS1 DataBar Limited Composite (CC-A/CC-B), GS1 DataBar Expanded Composite (CC-A/CC-B), GS1 DataBar Expanded Stacked Composite (CC-A/CC-B), GS1-128 Composite (CC-A/CC-B/CC-C)	
Print Direction			Character: 0°, 90°, 180°, 270° rotation per data is available Barcode: 0°, 90°, 180°, 270°	
COMMUNICATION INTERFACE				
Interface			Plug-in interface card: USB/ LAN/ WLAN/ Parallel/ RS-232C. Standard: External port, Serial port for keypad	
Command			SBPL	
OPERATING CHARACTERISTICS				
Power	AC Adaptor		Input Voltage: AC100V ~ 240V +/- 10%, Rated Input Voltage: AC100V /AC230V	
Consumption Voltage			At Peak: 132W, On Standby: 20W	
Environment	Operating		5 ~ 40ºC / 30 ~ 80% RH (without condensation)	
	Storage		-5 ~ 60ºC / 30 ~ 90% RH (without condensation)	
Dimension			(WxDxH): 284mm x 552mm x 300mm	
Weight			16.2kg (35.71 lbs)	
OPTIONS			Large stacker, Label rewinder, Ribbon core adapter kit, Keypad	
Regulatory Approvals			USA/Canada: FCC15B ClassB, UL60950-1(2001), CSA22.2 No. 60950-1-03	
			Europe: RoHS, CE (EN55022,EN55024), IEC/EN60950-1, China: CCC, Korea: KCC	

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