Ceaseless Creativity for a Sustainable World

M10e

WIDE WEB

FEATURES

- Chemical – Drum Labels
- Fast Print Speed of up to 125 mm/sec
- Automatic Label Loading via Label Edge Sensor
- High Quality Printing up to 305 dpi
- Extra-wide (267 mm) Printing Area for Giant Labels or Multiple Labels per page

APPLICATIONS

- Electronics
- Automotive
- Industrial
- Steel Mill
- Forestry
- Chemical

TECHNICAL INFORMATION

M10e

PRINTING SPECIFICATION			M10e
Printing Method			Direct Thermal and Thermal Transfer
Print Resolution, dots/mm (dpi)			12 dots/mm (305dpi)
Max. Print Area	Width, mm (inch)		267mm (10.5")
	Length, mm (inch)		420mm (16.5")
Print Speed, mm/sec (ips)			Up to 125mm/sec (5ips)
CPU			32 bit RISC

CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)			
Sensor Type			I-Mark Sensor (Reflective), Label Gap Sensor (Transmissive)
Media Type			Roll or fan-fold die cut labels, Plain paper face stock, Synthetics and Continuous stock
Media Thickness			0.08 – 0.21mm (0.003" – 0.008")
Label Shape*	Diameter		Max. outside diameter: Ø 203mm (8"), Core diameter: Ø 76.2mm (3")
	Wind Direction		Face-in
Label Size	Continuous	Width	128 – 297mm (5.04" – 11.7")
		Length	40 – 420mm (1.57" – 16.5")
	Tear-Off	Width	128 – 297mm (5.04" – 11.7")
		Length	40 – 420mm (1.57" – 16.5")
	Cutter	Width	128 – 297mm (5.04" – 11.7")
		Length	40 – 420mm (1.57" – 16.5")
Ribbon	Size		Width: 145mm (5.71") to 273mm (10.7"), Max. Length: 300m (984')
	Core Diameter		Ø 25.4mm (1")
	Wind Direction		Face-in

FONTS / SYMBOLOGIES		
Fonts	Standard Fonts	Bitmap Fonts Alphanumerical and Symbol: WB (18x30 dot), WL (28x52 dot), XU (5x9 dot), XS (17x17 dot), XM (24x24 dot), XB (48x48 dot), XL (48x48 dot), OCR-A (15x22 dot), OCR-A (22x23 dot), OCR-B (20x24 dot), OCR-B (30x36 dot)
	Rasterized Fonts	CG Times, CG Triumvirate
Barcode	1D Barcode	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128, GS1-128 (UCC /EAN128), Codabar (NW–7), Interleaved 2 of 5, Bookland (2/5 char add-on code), GS1 Databar (RSS14), Composite JAN/EAN-8/13; Composite UPC A/E; Composite GS1 128/CC
	2D Barcode	PDF417 (Ver2.4), MAXI Code (Ver3.0), QR Code, GS1 Data Matrix (ECC200)
Print Rotation	Character Data / Barcode	0°, 90°, 180°, 270°

COMMUNICATION INTERFACE	
Optional Plug-in Interface	IEEE1284, Centronics parallel, RS232C (2400-19,200 Baud), RS232C highspeed (9,600-57,600 baud), USB (12Mbit/s), LAN (TCP/IP protocol 10/100BaseT), Wireless LAN 802.11b/g

OPERATING CHARACTERISTICS		
Power Requirements		Input voltage AC100-240V (auto switching)/560W (peak)
Environment	Operating	5 – 40ºC / 30 – 80% RH (without condensation)
	Storage	-5 – 60ºC / 30 – 90% RH (without condensation)
Dimension		(W x D x H): DT: 475 x 313.4 x 274.2mm (18.7" x 12.3" x 10.8"), TT: 475 x 313.4 x 319.2mm (18.7" x 12.3" x 10.8")
Weight		DT: approx. 20.2g (0.04 lbs), TT: approx. 21.2g (0.05 lbs)

MISCELLANEOUS		
Certifications		FCC, UL, CSA, CCC, CE, ROHS compliant
Function	Useful Features	Hex dump, Print custom character design, Graphic, Sequential numbering for number and barcode, Form storage and recall for faster data retrieving of complex formats
	Self Diagnosis Checking	Head check, Paper end detection, Ribbon end / Near-end detection (remaining 15m – 30m detection), Open cutter-cover detection, Auto sensing for continuous forms, Memory card error detection, Test print
	Operational Panel	16 x 2 Line alphanumeric, Three LED to indicate error, power and status
	DIP Adjustment	Print position adjustment, Cutting / tear-off position adjustment, Print darkness adjustment, LCD contrast adjustment

OPTIONS	
Accessories	Cutter, Unwinder, Stacker, Expansion Memory, PCMCIA Add-on Memory, Smart Keyboard, NiceLabel

*When using the UWM10e unwinder. The standard M10e only allows fanfold labels.