

Epson

# TM-J7000 & TM-J7100 POS Printers



- Multifunction printers featuring receipt/slip printing and MICR reading
- With Epson's patented SEAJet® technology you'll get the crispest inkjet printing available and consume at least 40% less power
- Epson's exclusive SmartPass technology for one-pass check printing
- Faster printing speeds than any other POS inkjet printer in its class
- Highest resolution graphics and bar codes
- Long-life, highly reliable printer components for low total cost of ownership
- Smallest footprint in its class

Now retailers can get all the advantages of one- and two-color inkjet printing and the functionality of a 1.5 station printer with Epson's third generation POS inkjet printers—the TM-J7000 and TM-J7100.

Designed specifically for retail, these multifunction inkjet printers offer more features than any other POS inkjet printers on the market today: high-resolution one- and two-color printing, slip printing, exclusive SmartPass check printing, MICR reading and more.

#### Superior inkjet printing technology

Epson's next generation, patented SEAJet® (Static Electricity Actuated) technology is the most advanced inkjet technology available at the point-of-sale today. Unlike thermal inkjet technology, SEAJet features a precision nozzle that produces a very high concentration of uniform dots which results in crisp, clear, easy-to-read graphics, coupons, bar codes and text.

#### Exclusive SmartPass check printing

Designed specifically for Epson's POS inkjet printers, SmartPass technology combines high-speed MICR reading, check printing and check endorsement all in one pass. No other POS inkjet printer offers this functionality at the point-of-sale.

#### Fastest printers in their class

The TM-J7000 and TM-J7100 printers offer the highest printing speed in their class—up to 17 lines per second.

And unlike other inkjet printers, you can print bar codes, coupons and complex graphics at top speed—all of which adds up to faster throughput and increased customer satisfaction.

#### Unsurpassed color printing

Only the TM-J7100 brings you color print quality this high: 180 x 180 dpi resolution for graphics and bar codes and significantly higher dot density than any other POS inkjet printer. The result: you get brighter, better-looking logos, pictures and graphics that get your marketing message across.

#### Lower total cost of ownership

The TM-J7000 and TM-J7100 have an autocutter life of 1.5 million cuts and an MCBF of 50 million lines—far more reliable than any other POS inkjet printer. Its color cartridge lasts up to 15 million characters. Its built-in counter monitors printer functions to simplify maintenance.

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In addition, with Epson's exclusive SEAJet technology, you'll consume at least 40% less power, a significant savings over the life of your printers.

## Easier and more flexible to use

The easy-to-use TM-J7000 and TM-J7100 offer fast, smooth and reliable operation in even the most rugged environments. They feature small

footprints; easy, drop-in paper and cartridge loading and ink near-end detectors which display remaining black and color cartridge life. And with Epson's exclusive Connect-It™

interface options, both the TM-J7000 and TM-J7100 are compatible with today's best-of-breed and component-based systems.

Printer Specifications		TM-J7000	TM-J7100	
<b>General</b>	Print method	Serial inkjet, 64 nozzles	Serial inkjet, 128 nozzles	
	Print resolution	180 dpi x 180 dpi		
	Print font	12 x 24/9 x 17		
	Font	82.5mm (3.25"): 42/56, 76mm (3.00"): 40/53		
	Column capacity (columns)	70mm (2.75"): 36/48, 58mm (2.25"): 30/40		
	Character size	1.41(W) x 3.38(H)/0.99(W) x 2.4(H)mm		
	Character set	95 Alphanumeric, 37 International, 128 x 11 Graphic		
Bar code	UPC-A, UPC-E, JAN8 (EAN), JAN13 (EAN), 2 of 5 (ITF), Code39, Code93, Code128, CODABAR (NW7), PDF 417			
Characters per inch	15 cpi (Font A)/20 cpi (Font B)			
<b>Printer</b>	Interface	RS-232, Bi-directional parallel, Dealer option: RS-485, USB, Ethernet, IBM® P7 and Connect-It* family		
	Data buffer	4 KB or 45 bytes		
	Print speed	Character: 14.7 lps (8 lines/inch)/graphic: 43mm/sec. (76mm width paper, full columns print) Character: 17.0 lps (8 lines/inch)/graphic: 50mm/sec. (57.5mm width paper, full columns print)		
	Paper dimensions			
	Receipt	57.5±0.5mm (2.25"), 69.5±0.5mm (2.75"), 76±0.5mm (3.00"), 82.5±0.5mm (3.25")		
	Slip	68.0 – 230.0(W) x 68.0 – 297.0(L)mm [2.7" – 9.1"(W) x 2.7" – 11.7"(L)]		
	Endorsement	68.0 – 101.6(W) x 150.0 – 223.0(L)mm [2.7" – 4.0"(W) x 5.9" – 8.8"(L)]		
	Paper thickness			
	Receipt	0.06 – 0.09mm		
	Slip	0.09 – 0.20mm		
	Endorsement	0.09 – 0.13mm		
	Ink cartridge	SJIC8	SJIC6, SJIC7(R), SJIC7(G), SJIC7(B)	
	Ink life	up to 20,000,000 characters (mono)	up to 15,000,000 characters (2 colors combined)	
	Power	24 VDC±10%		
	Power consumption	Approx. 1 A (operating)		
	D.K.D. function	2 drivers		
	Reliability			
MTBF	180,000 hours			
MCBF	50,000,000 lines			
Autocutter	1.5 million cuts			
Overall dimensions	195(W) x 188(H) x 237(D)mm (7.7" x 7.4" x 9.3")			
Mass	Approx. 4.4 kg (9.68 lbs)			
<b>Control Board</b>	EMC standards	VCCI class A, FCC class A, CE marking, Canada EMI, AS/NAS 3548		
	Power supply (option)	PS-180		
	Safety standards	CE-mark, TÜV (EN60950), UL/CSA		

Inch values are approximate.  
dpi: dots per 25.4mm (dots per inch)  
cpi: characters per 25.4mm (characters per inch)  
lps: lines per second

\*To find out more about our line of Connect-It interfaces, talk to your Epson sales representative.

