

EPSON

# TM-J2100 and TM-J2000 Printers



- EPSON's patented SEAJet™ technology produces the crispest, clearest ink jet printing available
- Faster printing speeds than any other POS ink jet printer on the market
- Up to 360-dpi color printing for high resolution graphics and bar codes
- Long-life, highly reliable printer components for low total cost of ownership
- Easy-to-use features including drop-in paper and cartridge loading

**With EPSON POS ink jet printers, black and color ink cartridges are separated to prevent waste.**

## Superior ink jet printing technology

EPSON's new generation, patented SEAJet™ (Static Electricity Actuated) technology is the most advanced ink jet technology available today. A precision nozzle produces a very high concentration of uniform dots, unlike thermal ink jet technology that sprays fewer, more irregular dots. The results are clearly visible: crisp, clear, easy-to-read graphics, bar code and text.

## More than twice as fast as other POS ink jet printers

The TM-J2100 and TM-J2000 printers offer the highest printing speed of any POS ink jet printer you can buy—up to 17 lines per second, or more than twice as fast as the closest competitor. Unlike other ink jets, you can print bar codes, coupons and complex graphics at top speed, without causing customers to wait.

EPSON POS ink jet printers—the TM-J2100 two-color model and the TM-J2000 one-color model—are specially designed for restaurant and retail environments where high print speed and quality output really matter.

The EPSON TM-J2100 and TM-J2000 printers let you print high-resolution one- and two-color logos, coupons, bar codes, and more on customer receipts—much faster and more clearly than any other ink jet printers on the market. For high-impact graphics and marketing messages that showcase your brand identity, no other ink jet printers come close.

## Unmatched clarity—plus color

Only the TM-J2100 brings you color print quality this high: 180 dpi standard resolution for graphics and bar codes and 360 dpi in high resolution mode—a significantly higher dot density than any other POS ink jet printer. Brighter, better-looking logos, pictures, and graphics strengthen your marketing message. You can choose from red/black, blue/black, or green/black ink combinations.

## Lower total cost of ownership

The greater your printing volume, the more EPSON's POS ink jet printers reduce your total cost of ownership. The TM-J2100 has an autocutter life of 2 million cuts and an MCBF of 50 million lines—far more reliable than any other POS ink jet printer. Its color cartridge lasts up to 17 million characters, longer than any other two-color POS ink jet printer. Its built-in counter monitors printer functions to simplify maintenance.

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 TM-J2100 and TM-J2000 offer fast, smooth and reliable operation in rugged retail and restaurant environments. They have small footprints and easy, drop-in paper and cartridge loading. They're quiet—ideal in hospitality environments. Ink near-end detectors display remaining black and color cartridge life, preventing wasteful printing of blank receipts. You can use paper in widths of 57.5, 69.5, 76, or 82.5 mm. The autocutter can be set to full or partial cut. Thanks to EPSON's exclusive Connect-It™ interface options, both the TM-J2100 and TM-J2000 are compatible with today's best-of-breed and component-based systems.

# EPSON TM-J2100 and TM-J2000 Printers

Printer Specifications		TM-J2000	TM-J2100
<b>General</b>	Print method	64 nozzles serial ink jet	128 nozzles serial ink jet
	Print resolution	180 dpi × 180 dpi, 360 dpi × 360 dpi in high-resolution mode	
	Print font	Font 12 × 24/9 × 17	
	Column capacity (columns)	82.5 mm {3.25"}: 42/56, 76 mm {3.00"}: 40/53 70 mm {2.75"}: 36/48, 58 mm {2.25"}: 30/40	
	Character size	1.41 × 3.39 (W × H)/0.99 × 2.4 mm (W × H) {0.06 × 0.13"/0.04 × 0.09"} Character set 95 Alphanumeric, 37 International, 128 × 11 Graphic Bar code UPC-A, UPC-E, JAN8 (EAN), JAN13 (EAN), 2 of 5 (ITF), Code39, Code93, Code128, CODABAR (NW7) 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 and Connect-It™ family*
Data buffer		4 KB or 512 bytes	
NV RAM		385 KB	
Print speed		Character: 14.7 lps (8 lines/inch), Graphic: 43 mm/sec {1.7"/sec} (76 mm {3.0"} width paper, full columns print)	
		Character: 17.0 lps (8 lines/inch), Graphic: 50 mm/sec {2.0"/sec} (57.5 mm {2.3"} width paper, full columns print)	
Paper width		57.5 ± 0.5 mm {2.25 ± 0.02"}, 69.5 ± 0.5 mm {2.75 ± 0.02"}, 76 ± 0.5 mm {3.00 ± 0.02"}, 82.5 ± 0.5 mm {3.25 ± 0.02"} 83 mm {3.27"} or less	
Paper diameter		0.06 to 0.11 mm {0.0024 to 0.0043"} 24,000,000 characters (mono) 17,000,000 characters (2 colors combined)	
Paper thickness		24 VDC ± 10%	
Ink life		Approx. 1 A (operating)	
Power		2 drivers	
Power consumption		Reliability MTBF 180,000 hours MOCBF 50,000,000 lines Autocutter 2 million cuts	
D.K.D. function		Overall dimensions 195 × 250 (275 with overhanging ledge) × 195 mm (W × D × H) {7.7 × 9.8 (10.8) × 7.7"} Mass Approx. 4.7 kg {10.3 lb}	
Reliability		EMC standards VCCI class A, FCC class A, CE marking, Canada EMI, AS/NAS 3548	
MTBF		Power supply (option) PS-170	
MOCBF		Safety standards UL, CSA, TÜV (EN60950)	
Autocutter			
Overall dimensions			
Mass			
<b>Control Board</b>			

Inch values are approximate.

dpi: dots per 25.4 mm (dots per inch)

cpi: characters per 25.4 mm (characters per inch)

lps: lines per second

\* To find out more about our line of Connect-It Interfaces talk to your EPSON Sales Representative.

Specifications are subject to change without notice.

Conforms to OLE POS specifications.



SD-DSJ21A