

Epson

# TM-J9000 & TM-J9100

## Inkjet Printers



- Check 21 ready
- TransScan™ 2-sided digital check imaging
- High-speed scanning of up to 30 checks/minute
- 25-check auto feeder with double check detection
- Drop-in validation
- Proven MICR accuracy of 99.8%
- High-speed printing of receipts and forms
- One- or two-color, crisp, quiet inkjet printing
- ProofPlus™ ID card scanner
- USB 2.0 compliant

Now banks can take advantage of all the benefits of Check 21 with Epson's family of inkjet printers featuring TransScan™ digital check imaging.

In addition, these multifunction inkjet printers offer speedy, one- and two-color receipt printing, drop-in validation, MICR accuracy of over 99.8% and more.

### The only banking printer that's ready for Check 21

Epson's TM-J9100 inkjet printer is the only banking printer with the features you need to implement Check 21 at your teller stations. Epson's unique TransScan technology captures a two-sided image of a check in seconds. It's time-saving auto feeder scans up to 25 checks at a time. You can scan up to 30 checks per minute in continuous scanning mode and up to 15 checks per minute in one-by-one mode. And there's no risk of double check feeding with our patented check sensor.

### Fraud reduction built right in

In addition to digital check imaging, the TM-J9100 also features ProofPlus, the first ID card scanner integrated directly into the printer. This lets you capture a complete image of a customer's ID card right at the teller window, bringing greater protection against losses due to bad checks and helping you comply with the USA Patriot Act.

### All the printing options you need

Epson's TM-J9100 inkjet printer is packed with the features you need most at the teller station from quiet, high-speed printing of receipts and forms and drop-in validation to high-resolution one- and two-color printing of logos and marketing messages—all in a small, compact 8.8" x 9.1" footprint.

### Epson quality and reliability

With a tested and proven MICR accuracy of over 99.8% and ink cartridges that last up to 20 million characters, you can be assured that the Epson TM-J9100 inkjet printer has the reliability and quality you need for busy teller lines.

### Easy connectivity now and in the future

With Epson's exclusive Connect-It™ interfaces, the TM-J9100 is compatible with today's teller automation and image capture systems. And when you are ready to update your system, the TM-J9100 can migrate with you.

# Epson TM-J9000/9100 Inkjet Printers

Printer Specifications		TM-J9000	TM-J9100	
<b>General</b>	Print method	Serial inkjet, 64 nozzles	Serial inkjet, 128 nozzles	
	Print resolution	180 dpi x 180 dpi		
	Print font	Font A=12 x 24 dot/Font B=9 x 17 dot		
	Column capacity	Font A=40 cols/Font B=53 cols (roll receipt), Font A=62 cols/Font B=82 cols (validation station)		
	Special mode	Font A=43 cols/Font B=60 cols (roll receipt), Font A=67 cols/Font B=93 cols (validation station)		
	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)		
	Characters per inch	15 cpi (Font A)/20 cpi (Font B)		
	<b>Printer</b>	Interface	USB, Dealer option: RS-232, Bi-directional parallel, Ethernet and Connect-It* family	
Data buffer		4 KB		
Print speed		Character: 14.3 lps (8 lines/inch)/graphic: 43mm/sec. (76mm width paper, full columns print)		
Paper dimensions		76mm (3.0")		
Receipt		68.0 – 101.6(W) x 150.0 – 223.0(L)mm [2.7"– 4.0"(W) x 5.9"– 8.8"(L)]		
Endorsement/Validation				
Paper thickness		0.06 – 0.09mm		
Receipt		0.09 – 0.14mm		
Endorsement/Validation				
Ink cartridge		SJIC8	SJIC6, SJIC7(R), SJIC7(G), SJIC7(B)	
Ink yield**		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)		
Reliability		180,000 hours		
MTBF		1 million reads		
MICR reliability				
Overall dimensions	225(W) x 180(H) x 232(D)mm {8.8" x 7.1" x 9.1"} (without feeder pocket) 390(W) x 180(H) x 232(D)mm {15.4" x 7.1" x 9.1"} (with feeder pocket)			
Mass	Approx. 4.0 kg (4.5 kg with feeder pocket)			
Environmental standards	WEEE, RoHS compliant			
<b>Control Board</b>	EMC standards	VCCI Class A, FCC Class A, CE marking EN55022 Class A/N55024, Canada EMI, AS/NAS 3548 (CISPR22) Class A		
	Safety standards	UL, CSA, TÜV (EN60950)		
Scanner Specifications		TransScan	ProofPlus	
Scanner type		CIS (Contact Image Sensor)	CIS (Contact Image Sensor)	
Media		Personal- and business-size checks	ISO/IEC7810 card	
Resolution		200 dpi	200 dpi	
Scanning mode		Black and white, 256 shade grayscale	256 shade grayscale	
Scan speed		300mm/sec	120mm/sec	
One-by-one mode		8-15 checks/min		
Continuous mode		30 checks/min		
Data compression		CCITT Group 4, JPEG	JPEG	
Data transmission format		TIFF, JPEG, Windows® Bitmap, Raw	TIFF, JPEG, Windows® Bitmap, Raw	
Memory for scanning		4 MB DRAM	4 MB DRAM	
Scanning area		Width: Max. 100mm, Length: Max. 230mm	86 x 55mm, Thickness: .5 to .84mm	

Inch values are approximate.  
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.

\*\* Cartridge yields will vary depending on factors such as types of items printed and patterns of printer use.

Collection, use and sale of personally identifiable information is subject to various laws. Anyone intending to use an ID scanner should check and comply with applicable laws.

