



Epson

Multifunction Inkjet Printers with
Digital Check Imaging and ID Scanner

TM-J9000 & TM-J9100 Inkjet Printers

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 99.9% and more.



- Check 21 ready
- TransScan™ 2-sided digital check imaging
- 25-check auto feeder with double check detection
- Drop-in validation
- Proven higher than 99.9% MICR accuracy
- High-speed printing for receipts and forms
- One- or two-color, crisp, quiet inkjet printing
- ProofPlus™ ID card scanner
- USB 2.0 compliant

The only receipt/validation printer that's ready for Check 21

Check 21 is expected to save the banking industry over \$2 billion a year in check processing costs alone. And you can get ready now with Epson's TM-J9100 inkjet printer. It's the only banking printer with the features you need to implement Check 21 at your teller stations. Epson's unique TransScan image technology captures a high-quality two-sided image of a check in seconds. With its time-saving auto feeder, you can scan up to 25 checks at a time. 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 99.9% 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.

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Epson TM-J9000/9100 Inkjet Printers

Printer Specifications		TM-J9000	TM-J9 100	
General	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		
	Font	Font A=40 cols/Font B=53 cols (roll receipt), Font A=62 cols/Font B=82 cols (validation station)		
	Column capacity 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 x11 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)			
Printer	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)			
Control Board	EMC standards	VCCI Class A, FCC Class A, CE marking EN55022 Class A/N55024, Canada EMI, AS/NAS 3548 (CISPR22) Class A		
	Power supply (option)	PS-180		
	Safety standards	TÜV, UL/CSA		
Scanner Specifications		TransScan	Proof Plus	
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, 8-15 checks/min	120mm/sec	
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 55 mm, Thickness: .5 to .84mm	

Inch values are approximate.
cpi: characters per 25.4mm (characters per inch)

* To find out more about our line of Connect-It interfaces, talk to your BLM 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.

