

Epson

TM-J9000 & TM-J9100 Inkjet Printers



- Check 21 ready
- TransScan™ 2-sided digital check imaging
- 25-check auto feeder with double check detection
- Drop-in validation
- Proven higher than 99.93% 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

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 99.93% and more.

The only banking 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 technology captures a 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 99.93% and ink cartridges that print 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 best-of-breed and component-based systems. And when you are ready to update your system, the TM-J9100 can migrate with you.

EPSON®

Technology with a future.™

Epson TM-J9000/9100 Inkjet Printers

Printer Specifications		TM-J9000	TM-J9100
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	
	Column capacity	Font A=40 cols/Font B=53 cols (roll receipt), Font A=62 cols/Font B=82 cols (validation station)	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)	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)	
	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			
Receipt		76mm (3.0")	
Endorsement/Validation		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	
Endorsement/Validation		0.09 – 0.14mm	
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			
MTBF		180,000 hours	
MICR reliability	1 million reads		
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	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, 20 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 55mm, Thickness: .5 to .84mm

Inch values are approximate.
cpi: characters per 2.4mm (characters per inch)
lps: lines per second

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

