

EPSON®

TM-J9000/J9100 INKJET PRINTERS

POS
PRINTERS



Banking Printers That are Ready for Cheque Imaging Capture

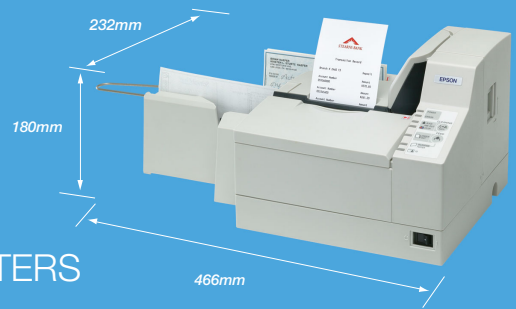
- Cheque Image Scanner 2-sided digital cheque imaging
- 25-cheque auto feeder with double cheque detection
- One or two-colour, crisp and quiet inkjet printing
- PhotoID card scanner
- Drop-in validation
- High-speed printing for receipts and forms
- Compact footprint
- USB 2.0 compliant



EPSON TM-J9000/J9100 INKJET PRINTERS

Specifications

6.1Kg



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Now banks can take advantage of all the benefits of Cheque Imaging capture with EPSON's family of inkjet printers featuring a PhotoID function and digital cheque imaging.

In addition, these multi-functional inkjet printers offer speedy high-resolution one and two-colour receipt printing, drop-in validation and more.

Banking Printers That are Ready for Cheque Imaging Capture

Cheque imaging capture is expected to save cheque processing costs. And you can get ready now by image-enabling your teller lines with the EPSON TM-J9000/J9100 inkjet printers, the only banking printers with the features you need to implement cheque imaging capture. EPSON's unique Image scanner technology captures a two-sided image of a cheque in seconds. With its timesaving auto feeder, you can scan up to 25 cheques at a time. And there's no risk of double cheque feeding with the patented cheque sensor.

Fraud Reduction is Built-in

In addition to digital cheque imaging, the EPSON TM-J9000/J9100 also feature PhotoID, 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 cheques.

All the Printing Options You Need

The EPSON TM-J9000/J9100 inkjet printers are 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 colour (TM-J9000) and two colour (TM-J9100) printing of logos and marketing messages - all in a small, compact footprint.

Easy Connectivity – Now and in the Future

With EPSON's exclusive UIB interfaces, the EPSON TM-J9000/J9100 are compatible with today's best-of-breed and component-based systems. And when you are ready to update your system, the EPSON TM-J9000/J9100 can migrate with you.

EPSON Quality and Reliability

With an MTBF of 180,000 hours and ink cartridges that print up to 20 million characters, you can be assured that the EPSON TM-J9000/J9100 inkjet printers have the reliability and quality you need for busy teller lines.

Printer

PRINT METHOD	Serial inkjet dot matrix (64 nozzles / 180dpi x 180dpi)
PRINT FONT	12 x 24 / 9 x 17
COLUMN CAPACITY (COLUMNS)	
RECEIPT	40 / 53, Validation: 62 / 82
CHARACTER SIZE	
	1.69mm(W) x 3.38mm(H) / 1.27mm(W) x 2.40mm(H)
CHARACTER SET	95 Alphanumeric, 48 International, 128 x 11 Graphic
BARCODE	
	UPC-A, UPC-E, JAN13 (EAN13), JAN8 (EAN8), CODE39, CODE93, CODE128, ITF, CODABAR (NW7)
CHARACTERS PER INCH	15 / 20cpi
INTERFACES	
	USB 2.0, Dealer option: RS-232, Bi-directional parallel, Ethernet
DATA BUFFER	4KB
PRINT SPEED CHARACTER	
	14.3lps (8 lines/inch), Graphic: 43mm/sec (Receipt: High speed mode, paper width 76mm, full columns print)
PAPER DIMENSIONS	
RECEIPT	76mm
VALIDATION	68mm to 100mm x 152mm to 230mm (H x W)
THICKNESS	
RECEIPT	0.06mm to 0.09mm
VALIDATION	0.09mm to 0.13mm
INK CARTRIDGE	
TM-J9000	SJIC8 (K): Black
TM-J9100	SJIC6 (K): Black, SJIC7 (R): Red, SJIC7 (B): Blue, SJIC7 (G): Green
INK LIFE (CHARACTERS)	
TM-J9000	Single Colour: Approx. 20,000,000
TM-J9100	Two Colour: Approx. 15,000,000 (2 colours combined)
POWER	24 VDC ± 10%
POWER CONSUMPTION	Operating: Approx. 1.0A (operating)
RELIABILITY MTBF	180,000 hours
MCBF	
	2,470,000 transactions (This is an average failure interval based on failures relating to wearout and random failures up to the life of 1,000,000 transactions)
LIFE	
	1,000,000 sheets (including those for reading check paper and card)

OVERALL DIMENSIONS

	466mm(389mm)(W) x 232mm(D) x 180mm(H) (with ASF) 310mm(236mm)(W) x 232mm(D) x 180mm(H) (without ASF)
MASS (APPROX.)	6.1kg (with ASF) / 5.6kg (without ASF)
EMC STANDARDS	
	VCCI class A, FCC class A, CE marking EN55022 Class A, / EN55024, AS / NZS3548 / CISPR Class A
POWER SUPPLY (OPTION)	PS-180
FACTORY OPTIONS	Auto Sheet Feeder (ASF) with Double Feed Detection Function
SAFETY STANDARDS	UL / CSA / TÜV (EN60950)

Image Scanner

SCANNER TYPE	Contact image sensor (CIS)
RESOLUTION	200dpi
GRADATION	
CHEQUE CARD	Bi-tonal (black / white)*1, 256-level gray scale 256-level gray scale
DATA COMPRESSION METHOD	
CHEQUE CARD	Bi-tonal: CCITT / group4 *2, JPEG*2 JPEG *2
DATA TRANSMISSION FORMAT	
	RAW / Bi-tonal: TIFF*3, 256-level gray scale: JPEG*3, TIFF*3, BMP
SCANNING AREA	
CHEQUE CARD	100mm(H)*4 x Maximum 236mm(L) 60mm(H)*4 x 100mm(L)
SCANNING SPEED	
CHEQUE CARD	300mm / sec. 120mm / sec.
PAPER TYPE	
CHEQUE CARD	Normal quality paper ISO / IEC7810 compliant (except for embossed material)
SIZE	
CHEQUE CARD	68mm to 100mm(H) x 152mm to 230mm(L) (minimum 68mm x 152mm) 53.92mm to 54.18mm(H) x 85.47mm to 85.90mm(L)
THICKNESS	
CHEQUE CARD	0.09mm to 0.13mm (single-ply) 0.5mm to 0.84mm
CURVATURE	
CARD	2mm or less (ISO / IEC7810)

*1 possible to get by the printer driver

*2 possible to compress by the printer driver

*3 possible to specify the format by the printer driver

*4 fixed value (impossible to change)