

DOT MATRIX PRINTER
Epson PLQ-22CS/22CSM

EPSON
EXCEED YOUR VISION

Revolutionise Document Processing with Multi-function Passbook Printer and Scanner



**IMAGING
INNOVATION**

PLQ-22 The Teller **Champion**

Epson's constant innovation in imaging solutions delivers highly accurate, seamless document processing for greater productivity. Enjoy operational efficiency with its first multi-function passbook printer and scanner, PLQ-22 The Teller Champion – a secure solution that offers space, time and cost savings for your business.

- **High-speed efficiency for multiple functions**
Print, scan, save and transfer documents in a single operation
- **High-speed duplex colour scanner for optimum security**
High optical resolution of 600dpi and superior scanning speed allow faster processing of a wide variety of documents
- **Reliable High Recognition Magnetic-ink Character Reader (MICR)**
High recognition rate of over 99%* prevents loss of time and money due to misreading or misjudging of MICR

*Based on ISO1004:1995 standard



IMAGING INNOVATION

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Epson PLQ-22CS/22CSM

HIGH-SPEED EFFICIENCY FOR MULTIPLE FUNCTIONS

Process cheques speedily with this multi-function device that reads magnetic characters on cheques, prints, and scans both sides of a cheque simultaneously. With an optical resolution of 600dpi and ultra-high scanning speed of up to 20 ips, processing time is cut down significantly.

Save space, time and cost with digitisation

Digitisation helps to reduce the cost of storing and transporting paper cheques. Enjoy greater space and cost savings as no other separate MICR readers or scanners are required. Combined with functions like the ID Photo card scan and Magnetic Reader/Writer (MSRW), this device will be of great use to all your front desk operations.



ID Photo card scan



HIGH-SPEED DUPLEX COLOUR SCANNER FOR OPTIMUM SECURITY

Infrared scanning scans carbon characters through unwanted background colours and graphics. Eliminate the risk of counterfeit cheques by combining this high-resolution and high-speed scanner with an application for verifying signatures or detecting counterfeit cheques.



RGB

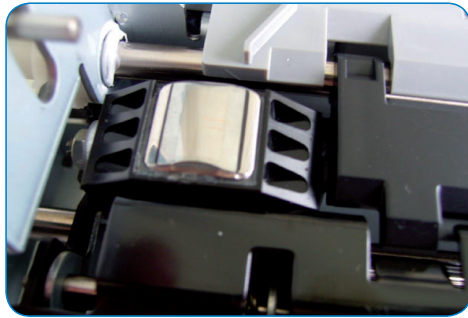
Minimises background so it is easy to read the MICR characters



RELIABLE HIGH RECOGNITION MICR

The 99%* recognition rate of the MICR magnetic-ink character reader prevents loss of time and money caused by recognition errors – an important feature of reliability for banks and financial institutions.

*Based on ISO1004:1995 standard



MICR+MSRW head

ADVANCED AND VARIED SCANNING CAPABILITIES

The barcode scanning capabilities allow you to process bill payments for your customers with ease. The device is able to enhance characters that are on a background image and enhance readability of characters with the Text Enhancement function. Moreover, it can crop a scanned document to create an image of necessary portion.

Feature: Text Enhancement

Epson offers an extensive array of POS printers and transaction terminals for the retail and financial markets. Epson is the leading provider of image-based electronic check implementations. Epson has taken a leadership position in the transformation of check payments from the physical to the digital taking advantage of ACH, Check 21, and Image Exchange platforms.

Original

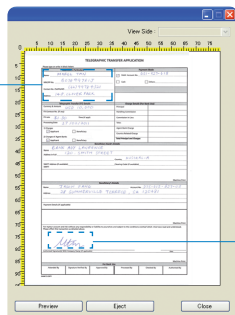
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Text Enhancement Off

Epson offers an extensive array of POS printers and transaction terminals for the retail and financial markets. Epson is the leading provider of image-based electronic check implementations. Epson has taken a leadership position in the transformation of check payments from the physical to the digital taking advantage of ACH, Check 21, and Image Exchange platforms.

Text Enhancement On

Feature: Image Cropping



Cropped image showing customer's name and address



Cropped image showing customer's signature stamp

Revolutionise document processing with this multi-function passbook printer and scanner

PLQ-22 *TheTeller* **Champion**



EASY-TO-USE DOCUMENT FEEDER

With its skew adjustment function, inserted document that is slanted will be automatically adjusted. In addition, the smart paper-position detector allows documents of different sizes and materials to be scanned, from a passbook to an ID photo card; even narrow original can be scanned.

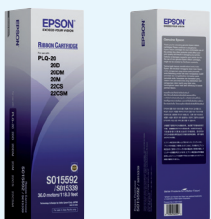
Invoice feeder



Passbook feeder



PARTNERS IN PERFECTION



Epson genuine ribbons
C13S015592

PLQ-20/PLQ-22 Black ribbon cartridge

Use Epson genuine ribbons and start adding value to your business today!

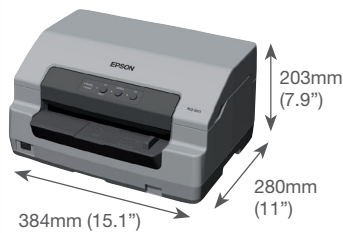
Epson provides 6 great reasons why using genuine ribbons is the only choice. So make a commitment to purchase the originals today!

- Save money by reducing Total Cost of Ownership
- Protect your assets and prolong your printer lifespan
- Increase business productivity by minimising breakdown time
- Good and consistent print quality
- Guaranteed peace of mind
- Environmentally friendly and non-health-hazardous

Epson PLQ-22CS/22CSM

SPECIFICATIONS

PLQ-22CS/22CSM



Weight:

PLQ-22CS - 8.2 kg (18 lbs)

PLQ-22CSM - 9.2 kg (20.2 lbs)

OPTIONS

RIBBON CARTRIDGE (Black) C13S015592
 SPACE SAVING KIT C80220

ACCESSORIES

User's manual CD
 Setup guide
 Ribbon cartridge (black)
 Power supply cable

MODEL NUMBER PRODUCT CODE		PLQ-22CS C11CB01011	PLQ-22CSM C11CB01111
PRINTER TYPE PRINTING METHOD COLOUR CONTROL CODE		24 pins Impact Dot Matrix Black PR2 emulation, ESC/P2, IBM PPDS emulation	
PRINTER SPEED HIGH SPEED DRAFT DRAFT NLQ LQ		10 CPI 10 CPI 10 CPI 10 CPI	480 cps (PR2 emulation) / 480 cps (ESC/P2 and so on) 360 cps (PR2 emulation) / 360 cps (ESC/P2 and so on) 180 cps (PR2 emulation) / - (ESC/P2 and so on) 120 cps (PR2 emulation) / 120 cps (ESC/P2 and so on) <i>cpi : characters per 25.4mm (characters per inch), cps : characters per second</i>
PRINT CHARACTERISTICS CHARACTER TABLE BAR CODE		International, PC-437 International, EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Coda bar(NW-7), Industrial 2 of 5	
PRINTABLE COLUMNS PITCH		10 cpi: 94 cpl, 12 cpi: 112 cpl <i>cpi : characters per 25.4mm (characters per inch), cpl : characters per line</i>	
PAPER/MEDIA HANDLING PAPER PATH PASSBOOK HORIZONTAL VERTICAL CUT SHEET SIZE MAGNETIC STRIPE HORIZONTAL CHEQUE PAPER THICKNESS PASSBOOK CUT SHEET CHEQUE COPY ACOUSTIC NOISE LINE SPACING		W X L W X L W X L W X L W X H TOTAL MAXIMUM COVER PAGE EACH PAGE SINGLE SHEET MULTI PART SINGLE SHEET MULTI PART	Manual Insertion (front in, front out / front in, rear out) 110 - 241.3 mm (4.33" - 9.5") x 127 - 220 mm (5.0" - 8.66") 110 - 241.3 mm (4.33" - 9.5") x 85 - 220 mm (3.35" - 8.66") 65 - 245 mm (2.6" - 9.6") x 67 - 297 mm (2.64" - 11.69") 14 x 80 mm (0.55" x 3.15") 120 - 216 mm (4.7" - 8.5") x 68 - 120 mm (2.68" - 4.72") 2.6 mm 0.2 - 0.5 mm (0.008" - 0.02") 0.1 - 0.15 mm (0.004" - 0.006") 0.065 - 0.19 mm (0.0025" - 0.0074") 0.12 - 0.53 mm (0.0047" - 0.021") 0.75 - 0.2 mm (0.0030" - 0.079") 1 original + 6 copies Approx. 54 dB(A)* A4 Single Sheet Approx. 51 dB(A)* Passbook * ISO7779 pattern 4.23 mm (1/6")
INPUT DATA BUFFER		128 KB	
INTERFACE		Bi-directional parallel interface (IEEE-1284 nibble mode supported), Serial I/F, High Speed USB 2.0	
RIBBON CARTRIDGE COLOUR TYPE RIBBON LIFE		Black Fabric Approx. 5 million characters (LQ 10 cpi, 48 dots/character) Approx. 10 million characters (Draft 10 cpi, 24 dots/character)	
RELIABILITY MEAN PRINT VOLUME BETWEEN FAILURE MEAN PRINT VOLUME BEFORE FAILURE PRINT HEAD LIFE		7 million lines 10000 POH 400 million strokes/wire <i>POH : Power On Hours</i>	
SCANNER SPECIFICATIONS SCANNER TYPE SENSOR SCANNING AREA OUTPUT RESOLUTION MAXIMUM EFFECTIVE PIXELS BIT DEPTH SCANNING SPEED MIGR SUPPORTED FONT OPTICAL CHARACTER RECOGNITION BAR CODE		Document feed CIS 216 x 356 mm Main 600dpi / 300dpi / 200dpi, Sub 600dpi / 300dpi / 200dpi 5104 x 8410 Colour: input 24bit / output 24bit, Black & White: input 8bit / output 8bit Mono: 20 inch/second (200dpi, 300dpi), 3.9 inch/second (600dpi) Colour: 7.7 inch/second (200dpi, 300dpi), 1.3 inch/second (600dpi) N/A E13B, CMC7 OCR A/B Code39, Code128, ITF (Interleaved 2 of 5), EAN8, EAN13, UPC-A/UPC-E, Codabar (NW7)	
ENVIRONMENTAL CONDITIONS (OPERATING) TEMPERATURE HUMIDITY		5 to 35°C (without condensation) 10 to 80 % RH (without condensation)	
ELECTRICAL SPECIFICATION RATED VOLTAGE RATED FREQUENCY POWER CONSUMPTION		AC 220 - 240 V 50 - 60 Hz Approx. 64W, approx 4.5W in standby mode	
PRINTER DRIVER OPERATING SYSTEM		Microsoft® Windows® XP (32bit) SP2 or later Professional, Microsoft® Windows Vista® (32bit/64bit) SP1 or later Ultimate/Enterprise/Business, Microsoft® Windows® 7 (32bit/64bit) Ultimate/Enterprise/Professional, Microsoft® Windows Server® 2003 (32bit/64bit) SP2 Standard/Enterprise, Microsoft® Windows Server® 2008 Standard/ Enterprise (32bit/64bit), R2 Standard/Enterprise (64bit)	

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