Epson ColorWorks C7500

Setting new standards in colour label printing

Seamless integration.

Reliable performance – rugged design means minimal maintenance.

High-speed, on-demand, colour printing.

Durable labels BS 5609 certification means labels won't smudge.

Low cost of labelling – up to 50% lower printing cost than with a laser.

Astounding image quality powered by PrecisionCore™ inkjet technology.

Highly efficient – high yield ink cartridges mean fewer user interventions and less waste than most thermal transfer printers, easy to change.

The ColorWorks C7500 redefines reliable, high-speed, high-quality colour label printing.

▪ RELIABLE AND CONSISTENT RESULTS

Print high-quality labels in-house and on-demand. Ensuring consistent results every time, the ColorWorks C7500 features Epson's new PrecisionCore Micro TFP printhead with unique Nozzle Verification Technology (NVT) and fot substitution to ensure consistent prints and prevent dead pixels.

▪ HIGH-SPEED PRINTING

Quickly and easily produce a range of high-quality labels for food and beverage products, packaging and boxes, EU energy labels, GHS labels and more. With print speeds of up to 300mm/sec, you can now print labels in full colour at the same speed as some thermal monochrome printers, with no compromise on print quality.
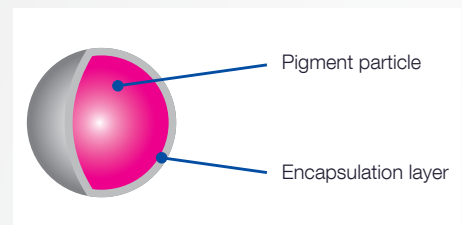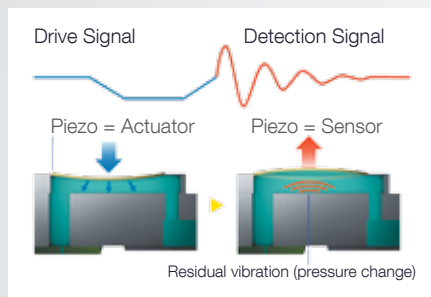
▪ SAVE MONEY

Printing labels on-demand eliminates the cost associated with pre-printing labels, such as wastage and having to store a large label inventory. High-capacity, individual ink cartridges mean only the colour used needs to be replaced, helping reduce the cost per print, while the printhead is designed to last for the lifetime of the printer[1], so you should never need to buy a replacement.

ColorWorks C7500 comes with native drivers for industry leading software such as Codesoft, Bartender and NiceLabel. In addition to this a range of various software tools are available to support printer deployment, management and maintenance in virtually any environment.

NiceLabel

BarTender

TEKLYNX® CODESOFT

WORKS WITH INDUSTRY LEADING LABEL SOFTWARE

Drive Signal   Detection Signal

Piezo = Actuator   Piezo = Sensor

Residual vibration (pressure change)

Pigment particle

Encapsulation layer

PrecisionCore technology

The C7500 features Epson's new PrecisionCore MicroTFP printhead, developed for use in the commercial-grade, industrial labelling market to deliver reliable, high-quality results at high-speed.

Minimum maintenance

While the printer's Nozzle Verification Technology detects and resolves blocked nozzles, the Dot Substitution feature compensates to help prevent misprints with minimal user intervention.

Ink durability

The C7500 uses pigment ink to create fast-drying, long-lasting labels that resist smudging, water and fading.

ColorWorks C7500 at a glance

- **No need for printhead replacement for the lifetime of the printer[1] thanks to the new PrecisionCore Chip technology**

- **Fast print speeds of up to 300mm/sec. Maximum resolution 600 x 1200dpi**

- **Durable labels conform to the BS5609 standard for Globally Harmonised System (GHS) chemical labelling**

- **Designed for industrial label production, with metallic chassis, autocutter as standard and optional winder**

- **Prints on a wide range of materials up to 4 inches wide**

- **Variable sized droplet technology**

- **ZPLII emulation and ESC/Label printer control set**

NEW ESC/LABEL PROGRAMMING LANGUAGE

With the new Epson colour label printer language – you're no longer tied to Microsoft Window® printer drivers. Users can control the ColorWorks C7500 from any operating system and/or software architecture. ESC/Label enables variable data to be placed on a pre-selected background images – rules can be set to colour-code the variable data, making it easy to produce custom coloured text, barcodes and graphics. The key commands for ZPL II are included.

Key Features

- Create coloured text and barcodes from monochrome print data

- Create colour graphics

- Create colour label templates and preset images

- Reduce the amount of data being processed to only the variable data

- Easily replace thermal monochrome label printers

Epson ColorWorks C7500

Product Specifications

PRINT METHOD	
	PrecisionCore TFP® with Nozzle Verification Technology
INK TYPE	Pigmented ink, 4 individual CMYK cartridges
PRINT RESOLUTION	1200 x 600dpi
PRINT SPEED	300mm/s or 150mm/s (selectable)
PRINT WIDTH	108mm (max)
MEDIA TYPES	
	C7500: Plain label, matte label, synthetic label/ C7500G: Gloss label
MEDIA FORM	
	Full-page label (BM), Die-cut label (GAP), Die-cut label (BM)
MEDIA DIMENSIONS	
Width	50-112mm – roll feed
Roll size O.D	8" (204mm) max
Core diameter	3" (76mm)
Media sensors	Gap, black mark
Die-cut label gap	Min 0.12" (3.0mm)
Black mark size	Min 1.1" x 0.2" (28mm x 5mm) (WxH)
INTERFACES	
	USB 2.0 High-speed Ethernet 10/100/1000 BASE-T
EXTENDED INTERFACE	D-sub 15-pin connector
OPERATING SYSTEM	
	Microsoft® Windows 8.1 (32/64bit), Microsoft® Windows 8 (32/64bit), Microsoft® Windows 7 SP1 (32/64bit), Microsoft® Windows Vista SP2 (32/64bit), Microsoft® Windows XP SP3 32bit, Microsoft® Server 2012 R2, Microsoft Server 2012, Microsoft Server 2008 R2, Microsoft Server 2008 (32/64bit)Microsoft server 2003 R2 (32bit)
BARCODE FONT	
	UPC-A, UPC-E, JAN12(EAN), JAN8(EAN), Code39, ITF, Codabar, Code93, Code128, GS1-128, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Limited, GS1 DataBar Expanded.

2-DIMENSIONAL SYMBOLS	
	PDF417, QR Code, Maxi Code, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded, Stacked, DataMatrix, Aztec Micro PDF, Micro QR
OPERATING TEMPERATURE	5 to 35°C / 20-80% RH Humidity
STORAGE TEMPERATURE	-20 to 60°C / 5-85% RH Humidity
OVERALL DIMENSIONS	392 (W) x 598 (D) x 395 (H) mm
WEIGHT	
	37kg (without ink cartridges, maintenance box and roll paper)
POWER CONSUMPTION	
	81W (operating), 102W (peak), 5.4W (idling), 0.5W (when printer power is off)
POWER SOURCE	
	Input voltage (rated) 100V - 240V 1.1A Frequency (rated) 50 to 60Hz
ACOUSTIC NOISE APPROX.	55dBA
SAFETY STANDARD	AS/NZS CISPR22 Class A
WARRANTY	One year onsite
WHAT'S IN THE BOX	
	ColourWorks C7500/G printer, AC power cord, Take-up unit, full capacity ink cartridges, sample label roll, instructions sheet, CD with utilities and manual
ORDERING INFORMATION	
C7500 Colour Label Printer (Matt)	TM-C7500-012
SJIC26P(C) Cyan Ink	C33S020615
SJIC26P(M) Magenta Ink	C33S020616
SJIC26P(Y) Yellow Ink	C33S020617
SJIC26P(K) Black Ink	C33S020614
SJMB7500 Maintenance Box	C33S020596
C7500G Colour Label Printer (Gloss)	TM-C7500G-312
SJIC30P(C) Cyan Ink	C33S020636
SJIC30P(M) Magenta Ink	C33S020637
SJIC30P(Y) Yellow Ink	C33S020638
SJIC30P(K) Black Ink	C33S020635
SJMB7500 Maintenance Box	C33S020596

Powered by PRECISIONCORE

Better Products for a Better Future

[1] Printing in full 1200 x 600 resolution with flush-onto-paper mode disabled, print speed is up to 10.4" per second

[2] ColourWorks C7500 inkjet printer with DURABrite® pigment ink, used in combination with Neenah Kimdura poly media.

[3] Up to 50 perent lower printing cost than competitive colour laser printer and thermal transfer printers using full resin ribbons available in July 2014. Calculation based on continuous printing of GHS-certified colour labels using the suite of ISO/IEC 24712 text and graphics images, with highest capacity cartridges purchased at MSRP. Actual costs will vary based on print task and use conditions.