

# ON-DEMAND COLOUR LABELS FOR COST SAVINGS AND INCREASED EFFICIENCY.



Epson's C3400 and C3510 deliver high-quality colour labels on-demand to improve efficiencies and reduce labelling costs. With a high printing speed of up to 103mm per second, excellent resolution and reliability, these printers are the perfect choice for industrial, chemical, warehousing, medical and other labelling applications. Now you can do away with expensive pre-printed labels and simply print them whenever you need.



High Speed Printing



High Capacity Inks



Auto Cutter



USB 2.0



Ethernet



C3400BK/C3400



C3510

## ENGINEERED FOR BUSINESS

### Colour Labels On-Demand

Designed to meet the needs of high-mix, low-volume applications that require multiple label variations.

### Better Inventory Management

Save up to 50% on labelling costs by reducing the need to stock up on different types of pre-printed labels.

### BS5609 Certified

Printers, used together with pigment inks and approved media, are BS5609 certified to print GHS-compliant labels.

With the C3510 and C3400, you can colour-code important information and print colour labels that are easily differentiated. With Epson's label printers, you enjoy a reliable and cost-effective print-on-demand solution without compromising on the quality of print.



### Colour Labels On-Demand

Print colour codes, images and pictograms to highlight relevant information easily. Designed to meet the needs of customers producing high-mix, low-volume applications, the C3510 and C3400 allow you to print multiple label variations in a breeze, improving product identification and productivity.

\* With printing speeds at up to four inches per second and a new 4-colour system, these printers deliver stunning image resolution. The addition of black ink increases the range of colour customers can reproduce.

### Better Inventory Management

On-demand printing means you don't have to stock up on expensive pre-printed colour labels you may never use. By leveraging the printers' on-demand colour labelling technology, you save up to as much as 50% on labelling costs and increase work productivity.



Patient's wrist band



Medication bag label



Blood bag label



Prescription label



Specimen label

## BS5609 Certified

Meet your regulatory requirements within the chemical industry with GHS-compliant labels. Both the C3510 and C3400 label printers, Epson's pigment inks and its wide variety of approved media are also BS5609 certified, making these label printers the ideal low-cost solution for the GHS market.



GHS-compliant label

## High Capacity Individual Ink Cartridges\*

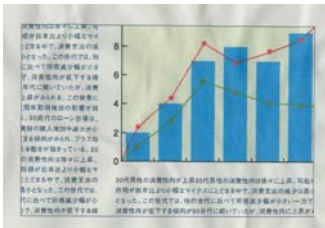
With individual CMYK cartridges, you only need to replace each colour as it is used up. This means no wastage of ink and the ability to print large volumes continuously for greater savings and reduced production time.



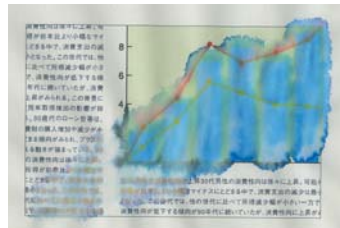
## Superior Print Quality

Ensure sharp print images on every label. Epson's patented MicroPiezo® inkjet technology together with our pigment inks ensure labels with crisp, clear, easy-to-read text, barcodes and vibrant graphics that are long-lasting, quick-drying and fade resistant. The printouts are resistant to smudges and water, even on paper.

Epson pigment ink



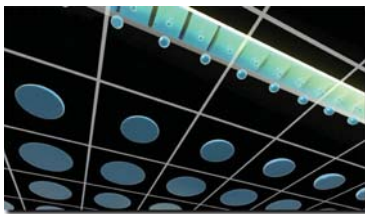
Dye-based ink



Epson pigment ink is not water soluble and firmly binds to media fibers, resisting water and other moisture.

Conventional dye-based ink is water soluble so printouts can be negatively affected by water and other moisture.

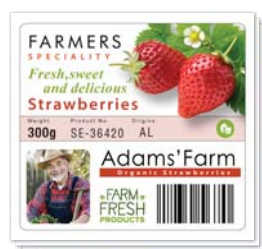
With the auto nozzle check system, high-tech sensors detect clogs and ink droplets and quickly clean the nozzle so you get a reliable output of professional quality print labels every time.



Auto Nozzle check system



Without Auto Nozzle check system



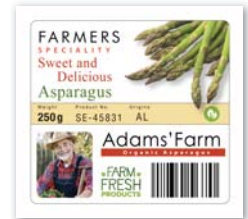
With Auto Nozzle check system

## Wide Variety of Media

Print on a wide range of media and enjoy on-demand colour labels in any environment. From plain, synthetic, matte to glossy stock, the C3510 and C3400 ensure labels of superior print quality, giving you sharp graphics. These label printers also handle roll, fanfold, die cut or continuous label media.



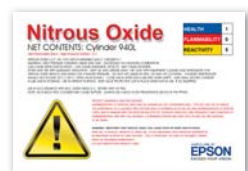
Premium matte ticket



High gloss label



Premium matte label



PE matte label

## Ease-of-use and Maintenance

The C3510 and C3400 are compact and support all major label software applications. Easy installation and maintenance allow manufacturers to monitor ink supply levels on an LCD display\* and oversee multiple network printers in a system, reducing set-up time and minimising operational delays.

## Environmental Protection

Unlike thermal printers or other inkjet technologies, Epson's MicroPiezo® inkjet technology uses no heating components. This means that energy consumption is extremely low during printing or in standby mode. In addition, the C3510 and C3400 are compliant with RoHS (Restriction of Hazardous Substances) and WEEE (Waste Electrical and Electronic Equipment) directives, thus ensuring continued contribution to the protection of our environment.

\*Only applicable for TM-C3510.

| MODEL NUMBER                                  |                             | C3400BK   | C3400  | C3510  |
|---|-----------------------------|---|--|--|
| <b>Print Technology</b>                       | Technology                  | MicroPiezo® ink jet technology, serial ink jet dot matrix   |  |  |
|   | Colour                      | Single colour printing (Black pigment ink)  | Three-colour printing (Pigment ink: C, M, Y) | Four-colour printing, individual ink cartridge (DURABrite Ultra pigment ink: C, M, Y, K) |
| <b>Ink Cartridge</b>                          | Colour (Pigment Ink)        | Black   | Cyan, Magenta, Yellow                        | Cyan, Magenta, Yellow, Black   |
|   | Model                       | SJIC20P(K)  | SJIC15P                                      | SJIC23P(C), SJIC23P(M), SJIC23P(Y), SJIC23P(K)   |
| <b>Print Resolution</b>                       |                             | Up to 720 × 360 dpi   |  |  |
| <b>Printing Width</b>                         |                             | Max. 104mm (Max. 1,474 dot positions / 360dpi)  |  |  |
| <b>Print Speed</b>                            |                             | Max. 92mm/sec. (Printing Width: 56mm, 360 × 180 dpi, Bi-directional Printing)   |  | Max. 103mm/sec. (Printing Width: 56mm, 360 × 360 dpi, Bi-directional Printing)           |
| <b>Interfaces</b>                             |                             | Hi-Speed USB or Ethernet (100BASE-TX / 10BASE-T)  |  | Hi-Speed USB 2.0 and Ethernet (100BASE-TX / 10BASE-T)                                    |
| <b>Print Font</b>                             |                             | Not equipped with print fonts; prints all data as the graphic data  |  |  |
| <b>Barcode Font (Printer Driver Built-in)</b> |                             | Barcode: UPC-A, UPC-E, JAN13(EAN), JAN8(EAN), Code39, ITF, Codabar, Code93, Code128, GS1-128, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Limited, GS1 DataBar Expanded Two-dimensional symbols: PDF417, QR Code, Maxi Code, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked, DataMatrix, Aztec Code |  |  |
| <b>Media Source</b>                           |                             | Roll-fed, Fanfold   |  |  |
| <b>Media Types</b>                            |                             | Plain, Matte, Synthetic, PET Film   |  | Plain, Matte, Glossy, Synthetic  |
| <b>Paper Specifications</b>                   |                             | <b>Width</b>  |  | <b>Width</b>   |
| Media Form                                    |                             | <b>Thickness</b>  |  | <b>Thickness</b>   |
| Roll  | Continuous Paper            | 30 - 108 mm   | 0.085 - 0.151 mm                             | 30 - 108 mm  |
|   | Black Mark Continuous Paper |   |  |  |
|   | Full-page Label             | Label Width: 25.4 - 108 mm,   | Plain Label, Matte Label, Synthetic Label:   | Label Width: 25.4 - 108 mm   |
|   | Transparent Full-page Label | Backing Paper Width:  | 0.128 - 0.195 mm                             | Synthetic Label: 0.129 - 0.195 mm  |
|   | Die-cut Label (gap)         | 30 - 112 mm   |  | Backing Paper Width: 30 - 112 mm   |
| Transparent Die-cut Label                     |                             | Label Width: 25.4 - 108 mm,   | Plain Label, Matte Label, Synthetic Label:   | Label width: 25.4 - 108 mm   |
|   | Black Mark Die-cut Label    | Backing Paper Width: 30 - 112 mm  | 0.128 - 0.195 mm                             | Synthetic Label: 0.129 - 0.143 mm  |
| Wristband                                     |                             | 30mm  | 0.190 - 0.200 mm                             | 30mm   |
|   |                             |   |  | 0.190 - 0.225 mm   |
| Fanfold                                       | Black Mark Continuous Paper | 50 - 108 mm   | 0.119 - 0.151 mm                             | 50 - 108 mm  |
|   | Black Mark Die-cut Label    | Label Width: 46 - 108 mm,   | 0.145 - 0.161 mm                             | Label Width: 46 - 108 mm   |
|   |                             | Backing Paper Width: 50 - 112 mm  |  | Backing Paper Width: 50 - 112 mm   |
| External Roll Diameter                        |                             | Max. 101.6mm  |  |  |
| Paper Core External Diameter                  |                             | Plain Label, Matte Label, Synthetic Label: min. 44.1mm  |  | Plain Label, Matte Label, Synthetic Label: min. 44.1mm                                   |
|   |                             | Wristband: min. 56.8mm  |  | Glossy Label, Wristband: min. 56.8mm   |
| Number Of Folds                               |                             | Fanfold Paper: 500 or Less  |  |  |
| Winding Direction                             |                             | Face Out  |  |  |
| <b>Autocutter Life</b>                        |                             | <b>Paper</b>  | <b>Die-cut Label</b>                         | <b>Full Page Label</b>   |
|   |                             | Plain: 1,500,000 cuts   | Plain, Matte, Glossy: 1,500,000 cuts         | Synthetic: 100,000 cuts  |
|   |                             | Matte: 750,000 cuts   | Synthetic: 500,000 cuts                      | Glossy: 300,000 cuts   |
|   |                             |   |  | Matte: 500,000 cuts  |
|   |                             |   |  | Plain: 750,000 cuts  |
| <b>Temperature / Humidity</b>                 |                             | Printing: 10 - 35°C / 20 - 80% RH; Barcode Printing: 15 - 35°C / 20 - 80% RH  |  |  |
|   | Storage                     | -20 - 60°C / 5 - 85% RH (Without Ink)   |  |  |
| <b>Overall Dimensions (D x W x H) *</b>       |                             | 275 x 255 x 261 mm  |  | 283 x 310 x 261 mm   |
| <b>Mass</b>                                   |                             | Approx. 10.0kg  |  | Approx. 12.0kg   |
| <b>Power Supply</b>                           |                             | Embedded AC Adapter   |  |  |
| <b>Power Consumption</b>                      |                             | Printing: Approx. 26W (mean)  |  | Dedicated AC Adapter   |
|   | Standby                     | Approx. 5W (mean)   |  | Approx. 30W (mean)   |
| <b>Rated Voltage</b>                          |                             | 100 - 240 V   |  |  |
| <b>Rated Frequency</b>                        |                             | 50 - 60 Hz  |  |  |
| <b>Reliability</b>                            | MTBF                        | 75,000 hours  |  | 88,000 hours   |
|   | MCBF                        | 9,800,000 passes  |  |  |
| <b>EMC Standards</b>                          |                             | VCCI Class B, FCC / ICES-003 Class B, CE Marking, C-Tick Class B, CCC, BSMI, MIC, Ukraine EMC   |  |  |
| <b>Safety Standards</b>                       |                             | UL, CSA, TÜV (EN60950-1), GOST, CCC, BSMI   |  |  |
| <b>Operating System</b>                       |                             | Windows® XP SP2 (64bit) / SP3 (32bit), Windows Vista® SP2 (32bit / 64bit), Windows® 7 SP1 (32bit / 64bit), Windows Server® 2003 R2 SP2 (32bit / 64bit), Windows Server® 2008 R2 SP2 (32bit / 64bit)   |  |  |
|   |                             | Windows Server® 2012, Windows® 8 (32bit / 64bit), Windows Server® 2008 R2 SP1   |  |  |

\* The protrusion excluded.

**Usage Restrictions:**

When this product is used for applications requiring high reliability / safety such as transportation devices related to aviation, rail, marine, automotive etc.; disaster prevention devices; various safety device etc; or functional / precision device etc, you should use this product only after giving consideration by inclusion of fail-safes and redundancies into your design to maintain safety and total system reliability. Because this product was not intended for use in applications requiring extremely high reliability / safety such as aerospace equipment, main communication equipment, nuclear power control equipment, or medical equipment related to direct medical care etc, please make your own judgment on this product's suitability after full evaluation.

**Dimensions & Weight**

**C3400BK / C3400**

**Weight:** Approx. 10kg (22.04lbs)



**C3510**

**Weight:** Approx. 12kg (26.45lbs)



**Option**

C33C811281 OT-WA34 Wristband Attachment

**Consumable for C3400BK**

C33S020490 SJIC20P(K) Ink Cartridge Black

**Consumable for C3400**

C33S020464 SJIC15P Ink Cartridge

**Consumables for C3510**

C33S020580 SJMB3500 Maintenance Box  
C33S020584 SJIC23P(C) Ink Cartridge Cyan  
C33S020585 SJIC23P(M) Ink Cartridge Magenta  
C33S020586 SJIC23P(Y) Ink Cartridge Yellow  
C33S020578 SJIC23P(K) Ink Cartridge Black

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