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EPSON TM-C3400

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# PROMOTING ATTENTION AND SAFETY USING COLOUR



**EPSON**<sup>®</sup>  
EXCEED YOUR VISION

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# COLOUR PROTECTS PEOPLE AND INVESTMENTS

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Human attention is a valuable asset. Does a patient receive the wrong or the right medication? Was the correct spare part installed in a machine? Is a visitor authorised to enter the VIP area or not? Does an express package make it on board the flight from Munich to New York? Good or poor legibility of a printed label, especially under time pressure, can have serious consequences.

## Colour is an effective signal

Colour is a reliable way of warning about danger. Colourfully accentuated warning and danger messages are clearly and unmistakably understood, even under time pressure.

## Colour is understood instantly

Colour helps you communicate complex content at a glance. Highlight the facts. Set priorities. Differentiate among groups and categories.

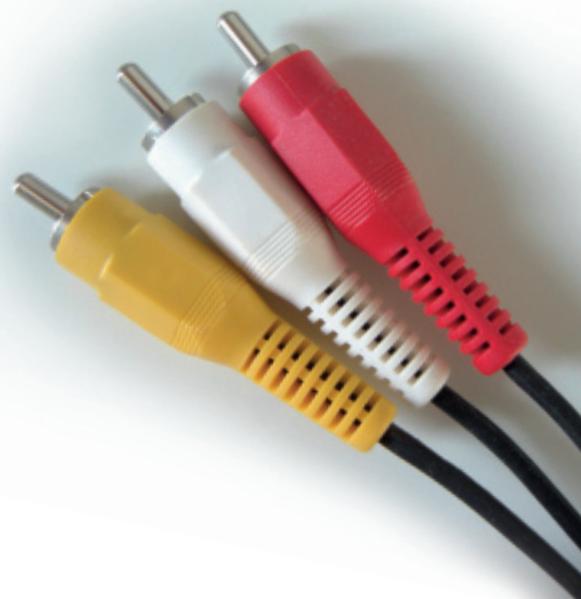
## Colour highlights your brand and your image

Colour ensures that logos are recognised, thereby triggering positive emotions: Trust in your brand and good memories of earlier experiences.



In healthcare, logistics, trade, industry and marketing, the Epson TM-C3400 colour label printer covers a wide variety of new applications for reliable visual identification using colour.

Use it to print a wide range of formats, materials and surfaces on demand. Would you like to have individual labels or 1,000 labels at once? No problem. Save on the cost of expensive pre-printed stock and produce your colour labels yourself on an as-needed basis.



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# A PRINTER FOR A WIDE RANGE OF APPLICATIONS

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## Medical

Colour labels make a valuable contribution to the improvement of process quality in the healthcare system. Colour helps identify patients and medications, highlights important auxiliary information in medical charts, and improves the visibility of chargeable services, thereby helping to ensure their proper and complete accounting.



## Industry

Colour facilitates industrial manufacturing processes simply and cost-efficiently. Colour labels help employees in the automotive industry, for example, to identify and assign different components reliably, even under stressful conditions. Sources of error are reduced in this way.



## Events & Ticketing

Personalised, colourful wristbands are a valuable tool for reliable access control at major events. Customised tickets issued to individuals guard against counterfeits, and colour can be used to create unique and attractive designs.



## Retail

Information highlighted by means of colour develops the huge sales promotion potential of price labels in retail business. Whether for advertising material, or as useful additional information colour is a proven way of increasing turnover and sales margin.



## Logistics

Coloured dispatch labels help you select from different groups and categories rapidly and reliably. Warnings about sensitive or hazardous packages leap out at you instantly thanks to colour.



## Air travel

In addition to automatic inspection by machines, boarding cards and baggage labels often have to be visually inspected as well. Colour-coded priorities and personal ID photos, for example, increase security in the identification of baggage and passengers.

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# PRINT THOUSANDS OF TICKETS EVERY DAY

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Take advantage of the many new possibilities offered by the rapid desktop inkjet label printer. As an event promoter or ticket distributor, your Epson TM-C3400 constitutes your own “in-house print shop”. Reliable, extremely easy to operate and satisfyingly economical. A single desktop system is all it takes to print up to 1,000 colour labels per hour.

## Ticketing

### Here's how to protect yourself against ticket counterfeiters

Tickets bear both monetary value and brand imagery. More and more event promoters are personalising their admission tickets, as a preventative measure against the black market and also for a more appealing visual impression. Colour draws the eye's attention to the personalised element (e. g. the name of the visitor) and makes it easier for your staff to verify identification rapidly and reliably. In addition, colour opens up a wide variety of attractive design options enabling you to customise your tickets. This also allows you to include optimal advertising space for sponsors on your tickets. Epson pigment inks ensure significantly enhanced permanency compared to thermal printing processes, which is ideal for tickets exposed to sunlight or moisture.

Use colourfully printed wristbands and tickets in a broad range of applications:

- Trade shows and conferences (exhibition tags)
- Concerts and festivals (wristbands)
- Resorts and amusement parks (IDs)
- Car parks parking spaces (car park tickets)
- Sporting events (admission tickets)
- TV productions (admission tickets for the audience)

## Wristbands

### Highest security for your major event

Personalised wristbands are an effective tool for the reliable, fast and cost-effective identification of people at concerts, sporting events, festivals, open air performances, TV productions or at hotel and holiday resorts. With the Epson TM-C3400 colour label printer, you can increase the security of conventional ID wristbands through personalisation and colour. This helps your staff recognise at first glance, whether the wearer is authorised to enter areas reserved for visitors, personnel or VIPs, for example. Change the design for each new event, and counterfeiters don't have a chance.



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# GREATER SECURITY FOR DOCTORS AND PATIENTS

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Europe's hospitals and clinics are investing in solutions for the error-free identification of patients and to improve process quality. Colourfully printed labels represent a small investment with a large impact. Colour protects life and health when doctors and carers have to make crucial decisions under time pressure.

Patient wristband:

## Ensure correct allocation by means of a photo

Printed wristbands with barcode and text can be used to identify patients reliably. In many hospitals, they are used not only for specific groups (e. g. infants, intensive care patients), but also for all in-patients. Patient wristbands lower the risk of mix-ups, and the associated treatment or medication error. You can use a colour ID photo to identify unresponsive or anaesthetised patients as well as children, thereby assigning the right medications and therapies to them.



Injections and infusions:

## Label your preparations

In the operating room, at the intensive care station and in the emergency room, certain applications require the preparation of injections and infusions a short time in advance. It is possible that the medication drawn up into a syringe loses its original label. Colour labels that can be printed on demand help your staff declare the contents according to the “click and paste” principle – quickly and conveniently. This method saves time while substantially raising your process quality.



Medical controlling:

## Charge costly medications correctly

Hospitals and clinics can lose large sums of money when elective services or very expensive medications are not charged completely. Staff work under time pressure and devote their full attention to the patient. If your organisation fails to document elective services seamlessly, then you lose money. Colour labels give your staff a clear visual indication – from the moment that drugs are dispensed that certain high-priced medications have to be carefully documented.



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# EPSON TM-C3400 COLOUR LABEL PRINTER

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The major benefits at a glance:

## Cost-effectiveness

Print up to 10,000 labels\* with a single ink cartridge. Conventional thermal printers consume ink ribbons as large as a complete label, even if you only print a single line. Inkjet printing is considerably more efficient in this case. Integrated as standard, the auto cutter trims rolls or continuous paper according to your specifications. This means you avoid unnecessary wastage of paper and do not need to store different label sizes and colours.

## Speed

The Epson TM-C3400 is the fastest desktop inkjet label printer available today. It prints up to 1,000 labels per hour, depending on the size.

## Versatility

The Epson TM-C3400 colour label printer is a master of versatility. Use it to print a large selection of different formats, materials and surfaces: labels, wristbands, tickets, continuous paper, pre-punched paper, high gloss, satin finish, media width 30 to 112 mm.

## Permanency

Do you need printed material that lasts for an exceptionally long time? Do your labels need to withstand wiping? Epson pigment inks ensure excellent permanency compared to thermal printing processes. This system is ideal for labels exposed to sunlight and moisture or for labels used in medical applications – ones cleaned with disinfectant solutions, for example.

## Data privacy

Transfer printers leave printed data as a negative image on the ink ribbon, so used ink ribbons need to be disposed of carefully. This is not an issue with an inkjet printer.

## Convenience

Place the Epson TM-C3400 on a shelf or under a counter to save space. It is the only inkjet label printer with all operating elements positioned on the front face. Consumables can be replaced in the front in a few simple steps. The powerful software and driver support including SDK enables you to perform central administration and configuration of large installations with up to 64 printers.

\* Label 25 x 50 mm, 25% colour coverage, even colour distribution, 300 labels per day.



Economical and flexible. Colour labels on-demand.



Continuous paper overleaf access further extends the range of applications.



Extremely easy replacement of cartridges and paper thanks to front-facing controls allows installation under a counter, for example.

- 1 Power LED
- 2 Error message display LED
- 3 Ink supply status display LED
- 4 Paper supply status display LED
- 5 Auto cutter button
- 6 Paper feed button



## Environmental protection

Unlike thermal printers or other inkjet technologies, Epson Piezo™ printing technology requires no heating of components. This means energy consumption is extremely low, both during printing and in stand-by mode. Plus, consistent compliance with the technical standards RoHS (Restriction of Hazardous Substances Directive) and WEEE (Waste Electrical and Electronic Equipment Directive) ensures continued contribution to the protection of our environment.



The space-saving integrated PS-180 power supply has already proven itself millions of times over.

The TM-C3400 is available in a USB and a network version.

## TECHNICAL DATA

Bezeichnung	Epson TM-C3400
Print method	Serial inkjet dot matrix (Max. 720 dpi × 360 dpi)
Print fonts	Not equipped with print fonts; prints all data as the graphic data
Barcodes	This printer does not have a barcode / two-dimensional symbol encoding function. Following barcode / two-dimensional symbol data (graphic data) are provided by the EPSON Windows driver. <b>Barcodes:</b> 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 <b>2-dimensional symbols:</b> PDF417, QR Code, Maxi Code, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked, Composite Symbology, DataMatrix, Aztec
Interfaces	USB 2.0 or Ethernet IEEE 802.3
Print speed	Max. 92 mm / sec. (printing width: 56 mm, 360 dpi × 180 dpi, bi-directional printing)
Paper	For detailed specifications please refer to the separate specification file <b>Basic Spec:</b> Plain paper, Fine paper, Continuous paper Width: 30 to 108 mm (Paper width) Thickness: 0.085 ~ 0.151 mm  Plain paper, Fine paper, Continuous label Width: 25.4 to 108 mm (label width) Thickness: 0.128 ~ 0.195 mm  Plain paper, Fine paper, Die-cut label Width: 25.4 to 108 mm (label width) Thickness: Plain paper: 0.128 mm, Fine paper: 0.145 mm  Plain paper, Fine paper, Fan-fold continuous paper Width: 50 to 108 mm (Paper width) Thickness: 0.119 ~ 0.151 mm  Plain paper, Fine paper, Die-cut or Fan-fold label paper with black marks Width: 46 to 108 mm (label width) Thickness: 0.145 ~ 0.161 mm
Wristband for direct print	Roll paper or Fan-fold paper Width: 30 mm (Paper width)
Printing width	Max. 104 mm
Ink cartridge	SJIC15P (3-color combined, pigment ink)
Power supply	Embedded AC adapter
Power consumption	Operating: Approx. 26 W Stand by: Approx. 5 W
Reliability	MTBF: 75,000 hours, MCBF: 9.8 mio lines
Autocutter	Full cut auto cutter included
Overall dimensions (mm)	255 (W) × 275 (D) × 261 (H)
Mass (Approx.)	ca. 10.0 kg
EMC standards	VCCI class B, FCC class B, CE marking
Safety Standards	UL / CSA / TÜV (EN60950-1)
Operating System	Microsoft Windows® 2000 SP4, Microsoft Windows® XP SP3, Microsoft Windows® 2003 R2 SP2, Microsoft Windows Vista® SP1 (Only 32 bit Version support)



TM-C3400 colour label printer

Besides a large product range of inkjet printers, Epson also offers thermal label printers for the commercial trade and service sectors.



TM-L90 Label printer



TM-L60 II Label printer

For further information please contact your local Epson office or visit [www.epson-europe.com](http://www.epson-europe.com)

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All features and specifications described are subject to change without notice.

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