

What is inkjet?



Inkjet printers are the most common type of printing devices, which are used as inexpensive home printers as well as in large industrial machines. They produce digital copies by spraying ink onto the paper.

The heart of an inkjet printer is the printhead, containing thousands of tiny microscopic nozzles firing ink onto the substrate. These droplets are typically 3-5 picolitres small, which creates a raster free, photo quality print image.

Combined with a super precise moving mechanism this results in millions of droplets fired every second. Once the droplet touches the substrate a binding effect will take place between the special designed ink and the inkjet coating, delivering stunning, crisp clear, high contrast, waterproof and fade-resistant colour prints.

Beside the standard dye-based ink, which is perfect for any type of media with inkjet coating, we offer for most systems a pigment ink in combination with matte surfaces to get a much higher UV-resistance for outdoor use.

DTM Print is frequently evaluating the market to offer the latest and best technology available in the inkjet market. To produce exceptional product labels for all kind of applications you not only need advanced print technology but also high-quality materials. Inkjet substrates can include matte, semi-gloss and high-gloss materials in paper and polyester as well as special materials like silver, gold or holographic.

Key end-user sectors for booming inkjet printing market

Manufacturers and private labellers use the inkjet label printers to print any kind of food and beverage labels, chemical labels, cosmetic labels, barcode and box labels, personalised labels and many more. To get some ideas please find below a list of our key applications and markets.

- Point of Sale (information signs, coupons, vouchers, price and promotion stickers, labels for cardboards and boxes)
- Logistics (barcode labels)
- Beverages (labels for beer, wine, spirits, coffee, water, etc.)
- Food (labels for food manufacturers, food services, catering, bakeries, beekeepers, etc.)
- Events/Meetings/Conventions (visitor badges, concert/theatre/cinema tickets)
- Hospitality (coupons/vouchers, tickets, name badges)
- Retail Shops (coupons, signs, labels for seasonal products)
- Personalisation (customised labels in all markets, labels for special occasions like weddings, anniversaries, etc.)
- Manufacturing (barcode, box and product labels)
- Seasonal Products & Market Testing (special editions, prototype labels)
- Industry (GHS conform labels)

LX500ec

COLOR LABEL PRINTER



Ink
Single tri-colour CMY



Print Width
19 - 108 mm (0.75 - 4.25")



Volume
Up to 1,000/day



Features
Guillotine cutter



Print Speed
Up to 63.5 mm/s (2.5"/s)



Compatible with
Windows + macOS

Facts about the LX500ec Color Label Printer

The LX500ec uses advanced high-resolution inkjet technology to produce short runs of product labels in impressive professional quality. Best of all, depending upon the quantity you print, the price per label will be significantly less than labels printed on flexo or offset.

Key facts

- ▶ 4800 dpi full-colour printing
- ▶ 16.7 million colours printable
- ▶ Interchangeable dye or pigment inks
- ▶ Built-in label cutter (guillotine-style)
- ▶ Small, compact size
- ▶ Prints up to 108 mm (4.25") wide



Perfect for POS and kiosk solutions

Everyone loves personalised labels. Due to the small size of the printer, the LX500ec is perfect for POS applications. Let your customers create personalised labels right in your shop! DTM Print provides an individual app solution that can be adapted to your requirements.

What's in the box?

- ▶ NiceLabel Free DTM Edition & BarTender UltraLite DTM Edition (Windows) & Belight Swift Publisher 5 (Mac)
- ▶ 4x3" DTM Paper High Gloss starter roll
- ▶ Dye-based CMY ink cartridge
- ▶ Instructions & sample book

More information

Scan the QR code to see all videos related to the LX500ec.

Visit dtm-print.eu for detailed information.



LX600e

COLOR LABEL PRINTER



Ink
Single tri-colour CMY



Print Width
13 - 127 mm (0.5 - 5")



Volume
Up to 3,000/day



Features
Pizza-wheel cutter



Print Speed
Up to 114 mm/s (4.5"/s)



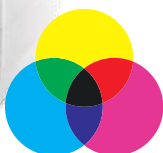
Compatible with
Windows + macOS

Facts about the LX600e Color Label Printer

The LX600e single cartridge solution for both pigment and dye ink allows users to print a wider variety of applications while easing print operations. Print labels when and where you need them in just the quantities you can actually use. It includes all the same quality features as the LX610e without the built-in contour cutter.

Key facts

- ▶ 4800 dpi full-colour printing
- ▶ 16.7 million colours printable
- ▶ Interchangeable dye or pigment inks
- ▶ Built-in label cutter (pizza-wheel style)
- ▶ Compact & lightweight desktop printer
- ▶ Prints up to 127 mm (5") wide



Low maintenance

Gone are the days of clogged nozzles and unwieldy and expensive printhead replacements. Users get a brand new printhead each time they change the cartridge, simplifying maintenance and dramatically lowering on-going operating costs. With a simple swap-out of ink cartridges, LX600e can print with dye-based ink or pigment ink. Both types of ink work interchangeably on the same printer.

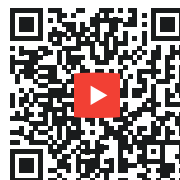
What's in the box?

- ▶ NiceLabel Free DTM Edition & BarTender UltraLite DTM Edition (Windows) & Belight Swift Publisher 5 (Mac)
- ▶ Dye-based CMY ink cartridge
- ▶ Instructions & sample book

More information

Scan the QR code to see all videos related to the LX600e.

Visit dtm-print.eu for detailed information.



LX610e

COLOR LABEL PRINTER



Print & contour cut
all-in-one



Ink
Single tri-colour CMY



Print Width
13 - 127 mm (0.5 - 5")



Volume
Up to 3,000/day



Features
Digital contour cutter &
pizza-wheel cutter



Print Speed
Up to 114 mm/s (4.5"/s)



Compatible with
Windows + macOS

Facts about the LX610e Color Label Printer

LX610e's printing and precision die-cutting are incorporated into one easy, time-saving step. Print and contour cut custom labels into any shape – all in one simple, unattended process. Choose from standard die-cuts or create an individual contour cut that automatically and precisely follows the outline of the image. You'll never need to order a custom die again.

Key facts

- ▶ 4800 dpi full-colour printing
- ▶ 16.7 million colours printable
- ▶ Interchangeable dye or pigment inks
- ▶ Digital contour cutter & built-in label cutter (pizza-wheel style)
- ▶ Prints up to 127 mm (5") wide
- ▶ Lamination mode



Print & cut software PTCreat™ Pro

With the included PTCreat Pro Software you are ready for importing images and different file types as .psd, .ai and .pdf. Powerful features such as layering, the export of images and contour cutting around intricate artwork are part of PTCreat Pro. An auto-trace and cut function is especially useful for printing and cutting complicated shapes and designs.

What's in the box?

- ▶ PTCreat Pro Software (Windows & Mac) & NiceLabel Free DTM Edition & BarTender Ultralite DTM Edition (Windows) & Belight Swift Publisher 5 (Mac)
- ▶ DTM Paper Semi Gloss roll
- ▶ Dye-based CMY ink cartridge
- ▶ Instructions & sample book

More information

Scan the QR code to see all videos related to the LX610e.

Visit dtm-print.eu for detailed information.



LX910e

COLOR LABEL PRINTER



Ink
Single tri-colour CMY



Print Width
13 - 210 mm (0.5 - 8.25")



Volume
Up to 5,000/day



Features
Pizza-wheel cutter



Print Speed
Up to 114 mm/s (4.5"/s)



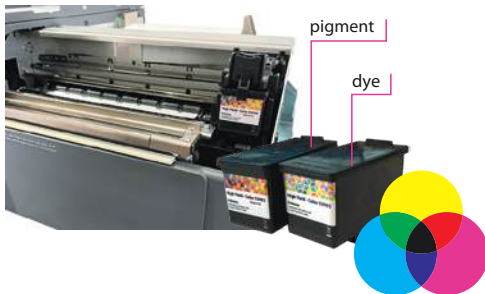
Compatible with
Windows + macOS

Facts about the LX910e Color Label Printer

With the LX910e you can quickly and easily print labels in outstanding print quality over a width of up to 210 mm. It has a powder-coated metal housing that is certified for areas with increased safety regulations. Especially suitable for use in mechanical and plant engineering, or when electromagnetic screening (EMC) is required.

Key facts

- ▶ 4800 dpi full-colour printing
- ▶ 16.7 million colours printable
- ▶ Interchangeable dye or pigment inks
- ▶ Built-in label cutter (pizza-wheel style)
- ▶ Sturdy metal enclosure
- ▶ Prints up to 210 mm wide



One printer, two solutions

Joining at the nexus of versatility and simplicity, its single cartridge solution for both pigment and dye ink allows users to print for a wider variety of applications while easing print operations. Switch easily between dye and pigment ink without changing the printhead.

What's in the box?

- ▶ NiceLabel Free DTM Edition & BarTender UltraLite DTM Edition (Windows) & Belight Swift Publisher 5 (Mac)
- ▶ 4x3" DTM Paper High Gloss starter roll
- ▶ Dye-based CMY ink cartridge
- ▶ Instructions & sample book

More information

Scan the QR code to see all videos related to the LX910e.

Visit dtm-print.eu for detailed information.



LX4000e

COLOR LABEL PRINTER



Ink

Separate CMY ink tanks



Print Width

13 - 210 mm (0.5 - 8.25")



Volume

Up to 10,000+ per day



Features

Pizza-wheel cutter & wired ethernet



Print Speed

Up to 114 mm/s (4.5"/s)



Compatible with

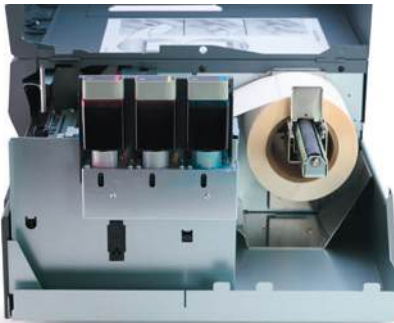
Windows + macOS

Facts about the LX4000e Color Label Printer

LX4000e features an all-new ink system and printhead and provides the lowest cost per print. The printer offers the same quality features as LX910e with the addition of an user-replaceable printhead and large individual CMY ink tanks with either dye or pigment ink. It's perfect for a range of industries including health and beauty, food and beverage, chemicals and more.

Key facts

- ▶ 4800 dpi full-colour printing
- ▶ 16.7 million colours
- ▶ Separate, large ink tanks – 60 ml each & pre-primed printhead with 42 ml ink
- ▶ Built-in label cutter (pizza-wheel style)
- ▶ Wired ethernet for network connection
- ▶ Prints up to 210 mm wide



Large ink tanks – lowest printing costs

With separate ink tanks for cyan, magenta and yellow, the LX4000e achieves the lowest print cost per label in its class. Thanks to the user-replaceable printhead, a later conversion between dye or pigment ink is possible at any time. The printer impresses with its outstanding print quality, ease of maintenance and print width of up to 210 mm.

What's in the box?

- ▶ NiceLabel Free DTM Edition & BarTender UltraLite DTM Edition (Windows) & Belight Swift Publisher 5 (Mac)
- ▶ 6x4" DTM Paper Semi Gloss or DTM Paper Matte starter roll
- ▶ User-replaceable printhead
- ▶ A set of CMY ink tanks
- ▶ Instructions & sample book

More information

Scan the QR code to see all videos related to the LX4000e.

Visit dtm-print.eu for detailed information.



CLP2200e

COLOUR LABEL PRINTER



Ink

Individual ink cartridges for CMYK



Print Width

20 – 210 mm (0.78 – 8.25")



Volume

Up to 10,000+ per day



Features

Wired ethernet, large roll capacity



Print Speed

Up to 132 mm/s (5.2"/s)



Compatible with

Windows

Facts about the DTM CLP2200e Colour Label Printer

DTM CLP2200e is designed for businesses that require on-demand, full-colour labels with exceptional durability and flexibility. It features large, separate ink cartridges for Cyan, Magenta, Yellow and Black as well as a user-replaceable printhead and supports both dye and pigments inks. It combines industrial-grade reliability with user-friendly operation, making it ideal for production environments, logistics and custom branding.

Key facts

- ▶ 2400 dpi brilliant colour output
- ▶ Fast printing speed up to 132 mm (5.2") per second
- ▶ Holds large rolls of up to 250 mm (9.84") outer diameter
- ▶ Individual, large ink cartridges – 78 ml black and 26 ml colour
- ▶ Wired ethernet for network connection
- ▶ Prints up to 210 mm wide



Smart Printing, Maximum Flexibility

Individual ink tanks for each color let you replace only the colours that need replacing – ideal for layouts where one shade dominates. Thanks to the user-replaceable printhead, switching between dye and pigment inks is quick and simple, ensuring adaptability for diverse applications. The compact, accessible design fits any workspace, simplifies maintenance and supports a print width of up to 210 mm.

What's in the box?

- ▶ NiceLabel Free DTM Edition & BarTender UltraLite DTM Edition
- ▶ 6x4" DTM Paper Semi Gloss or DTM Paper Matte starter roll
- ▶ User-replaceable printhead
- ▶ A set of CMYK ink cartridges
- ▶ Instructions & sample book

More information

Scan the QR code to see all videos related to the DTM CLP2200e.

Visit dtm-print.eu for detailed information.



Technical Specifications – Comparison Table

	LX500ec COLOR LABEL PRINTER	LX600e COLOR LABEL PRINTER	LX610e COLOR LABEL PRINTER
Print Method	Thermal inkjet with dye or pigment ink		
Print Resolution	600 x 1200 dpi native; up to 1200 x 4800 dpi		
Print Speeds	Up to 63.5 mm (2.5") per second	Up to 114 mm (4.5") per second	
Inks	Single high capacity CMY ink cartridge, process black		
Printhead	Included in cartridge		
Colours	16.7 million		
Colour Matching	ICC colour profiles included; ability to add custom ICC colour profiles for other media types		
Print Width	19 mm - 108 mm (0.75" - 4.25")	LX600e: 13 mm - 127 mm (0.5" - 5") LX610e: Pre die-cut: 13 mm - 127 mm (0.5" - 5") Digital die-cut: 13 mm - 104 mm (0.5" - 4.1")	
Media Width	25 mm - 108 mm (1" - 4.25")	LX600e: 38 mm - 130 mm (1.5" - 5.125") LX610e: Pre die-cut: 54 mm - 130 mm (2.125" - 5.125") Digital die-cut: 121 mm (4.75")	
Print Length	19 mm - 609 mm (0.75" - 24")	13 mm - 305 mm (0.5" - 12")	
Media Types	Roll-fed pressure-sensitive labels, roll-fed tags, fan-fold labels or tags LX610e: DTM Print or Primera approved materials must be used for continuous digital die-cutting media		
Media Sensing	Moveable see-through sensor for die-cut labels; reflective sensor for labels and tags with black mark (bottom); can use continuous and pre-printed labels and tags		
Media Feed	Internal or external		
Supply Roll	127 mm (5") maximum outer diameter on 51 mm (2") core; core has additional restrictions - see manual	152 mm (6") maximum outer diameter on 76 mm (3") core	
Cutter	Built-in "guillotine" style label cutter	Built-in "pizza-wheel" style label cutter LX610e: Built-in die-cutting knife blade	
Ink Level Warning	Calculates actual number of prints remaining based upon ink usage of graphics being printed.		
Operating Systems	Windows 7 and higher Mac OS X 10.11 and higher		
Data Interface/ Connections	USB 2.0		
Label Design Software	LX610e: Digital die-cut: PTCreat Software (Windows & Mac) and BarTender UltraLite DTM Edition (Windows) LX610e and LX600e: Pre die-cut: NiceLabel Free DTM Edition and BarTender UltraLite DTM Edition (Windows) Belight Swift Publisher 5 (Mac)*		
Power Requirements	100 V - 240 V AC (50/60 Hz), 12 V DC, 5.0 A		
Certifications	UL, UL-C, CE, KC, RoHS, UKCA	UL, UL-C, CE, FCC Class A, RoHS, UKCA	
Weight	3.2 kg	LX600e: 5.2 kg LX610e: 5.7 kg	
Dimensions (WxHxD)	264 mm x 180 mm x 389 mm	345 mm x 242 mm x 432 mm	
Available Versions	LX500ec (074276)	LX600e (074562) LX610e Pro (074542DTM)	
What's in the Box	LX500ec Color Label Printer, one dye-based CMY ink cartridge (053374), one 4x3" DTM Paper High Gloss starter roll, USB 2.0 cable, EU power cord and instructions**	LX600e Color Label Printer, one dye-based CMY ink cartridge (053496), USB 2.0 cable, EU power cord and instructions** LX610e Color Label Printer, PTCreat Pro Software, one dye-based CMY ink cartridge (053496), one DTM Paper Semi Gloss roll (CC36SG122HIS), USB 2.0 cable, EU power cord and instructions**	
Warranty	36 months (after product registration, for devices purchased in EU/EFTA countries and UK)		
Manufacturer	Primera Technology, Inc.		

*Can also be used with most other popular label design & graphics programs.

** Label design software and printer driver can be downloaded from the DTM Print website.

LX910e COLOR LABEL PRINTER		LX 4000e COLOR LABEL PRINTER		CLP2200e COLOUR LABEL PRINTER	
Thermal inkjet with dye or pigment ink					
600 x 1200 dpi native; up to 1200 x 4800 dpi				1200 x 1200 dpi	
Up to 114 mm (4.5") per second				Up to 132 mm (5.2") per second	
Single high capacity CMY ink cartridge, process black		Separate cyan, magenta and yellow ink tanks, process black		Individual cartridges for cyan, magenta, yellow and black	
Included in cartridge		User replaceable, multi-use printhead			
16.7 million					
ICC colour profiles included; ability to add custom ICC colour profiles for other media types				Standard Colour Matching	
13 mm - 210 mm (0.5" - 8.25")				20 mm - 210 mm (0.78" - 8.25")	
38 mm - 212 mm (1.5" - 8.375")				30 mm - 212 mm (1.18" - 8.375")	
13 mm - 1524 mm (0.5" - 60")				max. 1219.20 mm (48")	
Roll-fed pressure-sensitive labels, roll-fed tags, fan-fold labels or tags					
Moveable see-through sensor for die-cut labels; reflective sensor for labels and tags with black mark (bottom); can use continuous and pre-printed labels and tags					
Internal or external				External	
152 mm (6") maximum outer diameter on 76 mm (3") core				250 mm (9.84") maximum outer diameter on 76 mm (3") core	
Built-in "pizza-wheel" style label cutter				-	
Calculates actual number of prints remaining based upon ink usage of graphics being printed.					
Windows 7 and higher Mac OS X 10.11 and higher		Windows 8 and higher Mac OS X 10.13 and higher		Windows 7 and higher	
USB 2.0		USB 2.0, wired Ethernet (Windows only)		USB 2.0, wired Ethernet, 24 V PLC	
NiceLabel Free DTM Edition and BarTender UltraLite DTM Edition (Windows) Belight Swift Publisher 5 (Mac)*				NiceLabel Free DTM Edition and BarTender UltraLite DTM Edition*	
100 V - 240 V AC (50/60 Hz), 12 V DC, 5.0 A				100 V - 240 V AC (50/60 Hz), 32 V DC, 50 W	
UL, UL-C, CE, FCC Class A, RoHS, UKCA				CE, RoHS	
16.6 kg				15 kg	
438 mm x 231 mm x 438 mm				486 x 207 x 330 mm	
LX910e (074417)		LX4000e with dye-based ink (074435) LX4000e with pigment ink (074436)		CLP2200e with dye-based ink (CLP22-101) CLP2200e with pigment ink (CLP22-103)	
LX910e Color Label Printer, one dye-based CMY ink cartridge (053492), one 4x3" DTM Paper High Gloss starter roll, USB 2.0 cable, EU power cord and instructions**		LX4000e Color Label Printer, a set of CMY ink tanks, a pre-primed printhead, one 6x4" DTM Paper Semi Gloss (dye) or DTM Paper Matte (pigment) starter roll, USB 2.0 cable, EU power cord and instructions**		DTM CLP2200e Colour Label Printer, a set of CMYK inks, a user-replaceable printhead, DTM CLP2200e Unwinder, one 6x4" DTM Paper Semi Gloss (dye) or DTM Paper Matte (pigment) starter roll, USB 2.0 cable, EU power cord and instructions**	
36 months (after product registration, for devices purchased in EU/EFTA countries and UK)					
Primera Technology, Inc.				DTM Print GmbH	



Hear From Our Customers – Case Studies

DTM Print has empowered numerous businesses to enhance their labelling processes through innovative printing solutions. Our case studies showcase how companies across various industries have successfully integrated our label printers to meet their unique needs.

These examples illustrate the versatility and effectiveness of DTM Print's solutions in addressing diverse labelling challenges.



Would you like to be part of it, too?

Then please contact our marketing team so that we can work with you to tell everyone about your success story and how our label printers and accessories support you in your everyday work.

To get started, contact:



marketing@dtm-print.eu



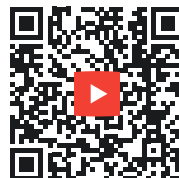
Rather than relying on a print company, we can now produce all our personalised labelling in house which means that we can turn around orders very quickly.

Tiffinie Pride, director of The Wiltshire Liqueur Company

More information

Scan the QR code to see all video case studies related to our inkjet label printers.

Visit dtm-print.eu for detailed information.

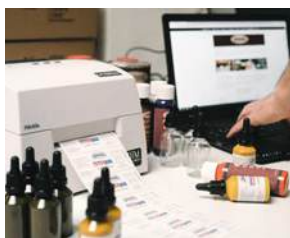




More than just a print shop

LX610e

How the Print and Mail Service of the University of Leeds offers great value for students and university members by offering new products with a desktop label and a direct-to-food printer.



Art and creativity meet flexible label production

LX500ec

Herterich - Airbrush & Künstlerbedarf supplies its customers, amateur and professional artists from home and abroad, with a wide range of products for the most diverse art styles. With the LX500ec they have the ideal assistant for their individual and CI-compliant label production.



Individual candle dreams come to life with the LX610e

LX610e

High demands in terms of quality and flexibility are made on the label production for the "Evoke" scented candles, which are more than met by the LX610e Color Label Printer.



Pralinhuset Elevates Chocolate Craftsmanship with the LX910e

LX910e

Pralinhuset AB is a family-owned company from Sweden that makes high-quality pralines and chocolates. The company focuses on creating not only delicious treats but also beautiful and luxurious packaging to match the quality of its products. Everything, from labels and tags to displays, is carefully designed to look elegant and premium.

LOOKING FOR LABELS?

Recommended Genuine DTM Label Stock for inkjet printers is available in many standard sizes as well as custom-made shapes & sizes.

YOU WANT SAMPLES?

✉ sales@dtm-print.eu

MORE INFORMATION:

🌐 supplies.dtm-print.eu



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