Professional 4 inch desktop label printers

TD Series

www.brother.com.hk

Brother's range of TD professional label printers offer the ability to print high quality labels on demand, whatever the requirement. Printing labels up to 4 inches in width, and with direct thermal and thermal transfer print technology, they fit the requirements of a large range of vertical market applications.
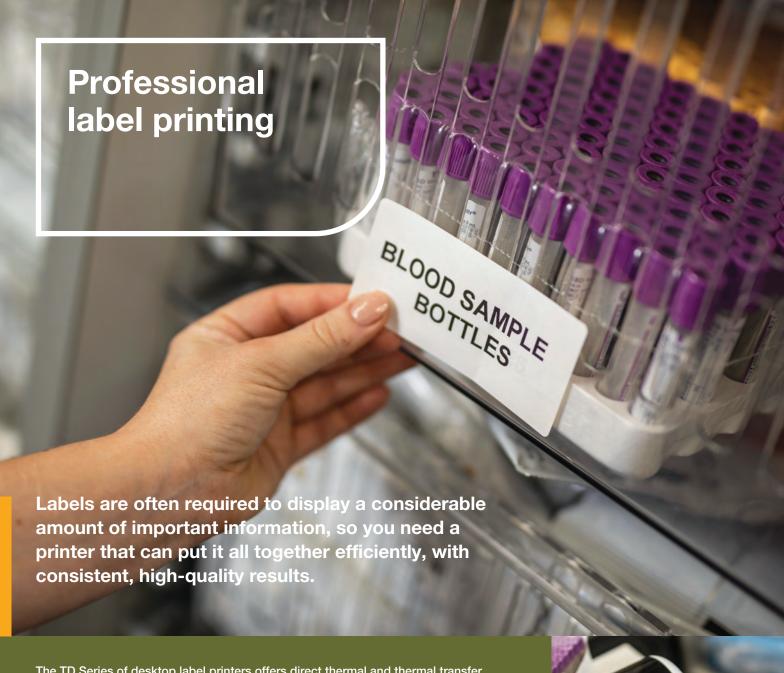
TD professional
desktop label printers

Seamless Integration

Brother's new high specification 4 inch desktop label printers bring you improved operational efficiency with easy to use, high speed and continuous label printing. Combined with seamless integration and modular design, print from virtually anywhere in the workplace. Supporting a variety of printer command languages including ZPL II emulation allows you to integrate into existing legacy systems.

Professional label printing

Labels are often required to display a considerable amount of important information, so you need a printer that can put it all together efficiently, with consistent, high-quality results.

The TD Series of desktop label printers offers direct thermal and thermal transfer high speed printing, at up to 300 dpi resolution. Options include a peeler or automatic cutter, for producing continuous media to your required length on demand.
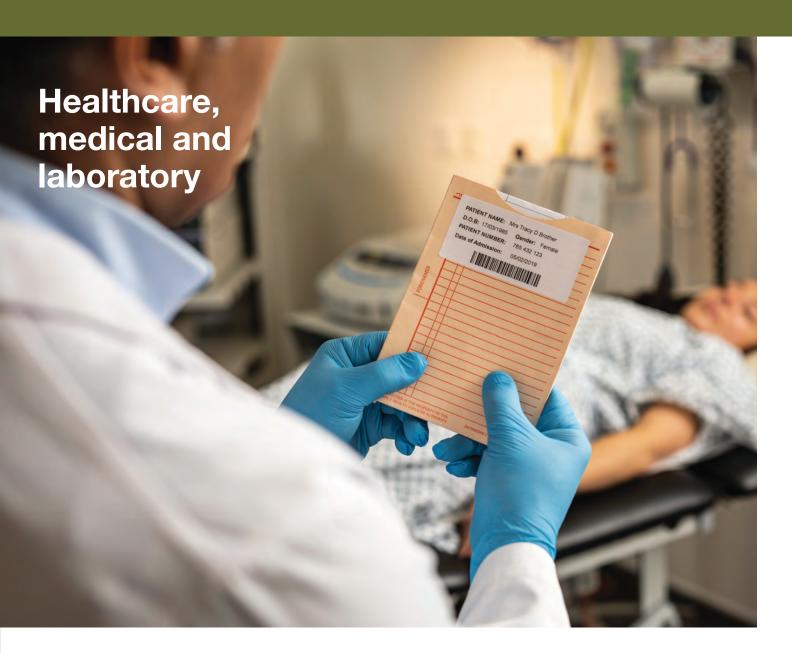
The software supports barcode printing, embellish font programming for highlighting specific words, and also allows you to import graphics and date formats for a truly personalised solution.

Printing Technology

Direct Thermal

Low-cost, high-volume labels can be created through this process, which uses a heat-sensitive coating and thermal print head, meaning traditional printing ribbons and ink are not required. Ideal for shorter term and less permanent labelling uses.

Healthcare, medical and laboratory

With the strict regulations on the tracking of patient specimens and other items within the healthcare industry, clear, high quality labelling is essential to maintain safety and traceability.

Applications include:

- Appointment cards
- Admission labels
- Specimen and pathology labels
- Blood bag labels
- Laboratory labels
- Microbiology labels
- Dosage/drug bag labels

Warehousing and logistics

Efficient warehousing operation and worker productivity are critical to the success of many companies. With the most common sizes of shipping labels available and the ability to create custom size labels there are many uses for these models in the warehouse.
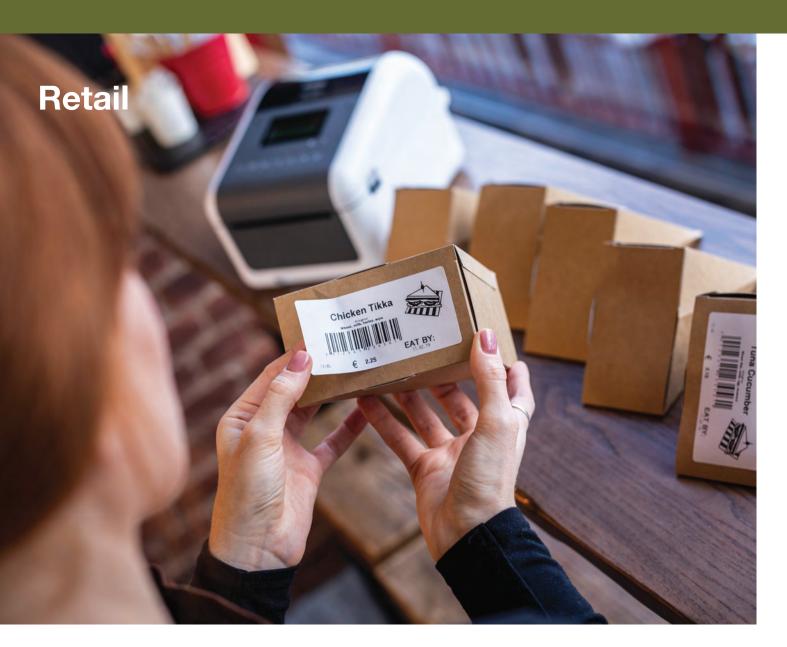
Applications include:

- Shipping labels
- Carton labels
- Location labels
- Pallet identification labels
- Quality control labels
- Compliance labels

Retail

Easy to read labels are essential for consumers to help make informed decisions prior to a potential purchase. The high print resolution and high quality labels used in this range ensure that every output printed looks professional, offering sharp text, logos and barcodes with a high contrast to ensure faultless scanning at the checkout.

Applications include:

- Pricing labels
- Barcode labels
- Pre-packaged food ingredients labels
- Nutrition information labels
- Shelf-edge labels
- Sale/mark-down/discount pricing labels

TD-4D Accessories
and consumable supplies

Brother has designed and engineered a wide range of accessories to help customise the solution to meet your specific labelling requirements. Brother accessories help users equip their device to cope with the specific requirements of use.

TD-4D Additional Options

PA-LP-002
TD-4D series only
Label Peeler

TD-4410D
TD-4420DN
TD-4550DNWB

PA-CU-001
TD-4D series only
Cutter

TD-4410D
TD-4420DN
TD-4550DNWB

PA-HU2-001
TD-4D series only
Thermal Print Head (203dpi)

TD-4410D
TD-4420DN

PA-HU3-001
TD-4D series only
Thermal Print Head (300dpi)

TD-4550DNWB

PA-PR2-001
TD-4D series only
Platen Roller (203dpi)

TD-4410D
TD-4420DN

PA-PR3-001
TD-4D series only
Platen Roller (300dpi)

TD-4550DNWB

With label design apps for desktop PC's and mobile devices, and SDK's to integrate the TD range into your own applications, you can choose the best option for your label printing needs.
Brother provides all the necessary tools required for software developers to integrate printing into their applications. Printer drivers are available for Windows OS, and Software Development Kits can be provided to support Windows Mobile*, Android and iOS operating systems.

Software Support Features

P-touch Editor

Supplied as standard, you can create your own custom labels with pixel precision by using this powerful software solution. With features such as support for over 15 barcode protocols, advanced image dithering to print high quality grayscale images, and the ability to link to data contained in Excel spreadsheets for batch printing of labels, any label design is possible.

Mobile Deploy

Cloud-based app for mobile devices (iOS and Android™), which allows IT administrators to remotely update and configure multiple Brother mobile printers. Using Mobile Deploy, the administrator can easily upload new update packages to an online location, and then share the URLs with the users.

Crop Function

Built into the Windows driver, this function helps take away the inconvenience of using A4 sheets of labels in your standard printer. This clever feature automatically scans through the document and where a barcode is present it extracts shipping or product labels one at-a-time then prints as individual on the Brother label printer.

Printer Commands

With support for ZPL II emulation and a variety of additional printer command languages, developers can easily integrate printing into existing legacy systems (see specification tables for further details).

Template Mode

Design the required document on your Windows PC, including logos and barcodes. Once transferred and stored in the printer's memory, the template can be recalled and any data replaced, before printing with just a few short commands.

Software Development Kits (SDK's)

Brother can also supply a selection of free of charge Software Development Kits to give you an easy method of incorporating label printing directly from within your own software programs.
Available from: **https://www.brother.co.jp/eng/dev/index.aspx**

Compatibility may vary dependent on model - check table on following page

Software

Model No	TD-4410D	TD-4420DN	TD-4550DNWB
P-touch Editor	✓	✓	✓
Mobile Deploy App			✓
Brother Font Manager	✓	✓	✓
Printer Settings Tool	✓	✓	✓
Bartender Driver Support	✓	✓	✓
Brother Printer Management Tool	✓	✓	✓
Crop Function (Windows Driver)			✓

For further details visit : https://support.brother.com

The Range
in detail

	TD-4410D	TD-4420DN	TD-4550DNWB
		4 Inch	

Printing

	TD-4410D	TD-4420DN	TD-4550DNWB
Print technology	Direct thermal		
Print speed	203mm/sec		152mm/sec
Resolution	203dpi		300dpi
Max. print width	104.1mm		108.4mm
Min. print length	Continuous: 6.4mm, Peeler: 12.7mm, Cutter: 20mm, Tear: 27mm		
Max. print length	3000mm		
Media sensor type	Gap (Transmissive), Bar (Reflective)		
Media sensor location	Gap (Fixed), Reflective (Adjustable)		
Tear off release mode	Standard: Continuous, Tear off Optional: Peeler, Cutter		

Media

	TD-4410D	TD-4420DN	TD-4550DNWB
Media types	Wristbands, Continuous, Die cut, Fan fold, Perforated, Tag		
Media thickness	0.058mm - 0.279mm (0.002 inch to 0.011 inch)		
Media width	19mm - 118.11 mm (0.75 inch to 4.65 inch)		
Media length	6.4mm - 3,000 mm (0.25 inch to 118.11 inch)		
Diameter (Max)	127mm (5 inch)		
Core Diameter (Max)	12.7mm (0.5 inch)		

Connectivity

	TD-4410D	TD-4420DN	TD-4550DNWB
Connector	USB version 2.0 (full speed) Type B, Serial RS232C (DB9 male), 10/100BASE-TX, Bluetooth		
USB host capability			Yes
Bluetooth profile			SPP, OPP, HCRP Bluetooth Classic, GATT (Bluetooth Low Energy)
Wireless LAN security			Authentic method (encryption scheme) Infrastructure mode- Open system (None/WEP64/WEP128) Common key authentication (WEP) WPA/WPA2-PSK (TKIP+AES), EAP-FAST (TKIP/AES), PEAP (TKIP/AES), EAP-TLS (TKIP/AES), EAP-TTLS (TKIP/AES) Authentic method (encryption scheme) Wireless direct mode -WPA2-PSK (AES)
MFI support	No	No	Yes
AirPrint	No	No	Yes

General

	TD-4410D	TD-4420DN	TD-4550DNWB
Control panel	3 button 3 LED		7 button 3 LED, Mono LCD

Software

	TD-4410D	TD-4420DN	TD-4550DNWB
Operating system support	Windows 7/8/8.1/10 Linux	Windows 7/8/8.1/10 Windows Server 2008/2008R2/2012/2012R2/2016 Linux	
Supported printer commands	P-touch Template, ESC/P, Raster, ZPL II emulation, CPCL emulation		
Barcode symbologies	Linear: CODE 39, ITF(I-2/5), EAN-8(JAN8), EAN-13(JAN13), UPC-A, UPC-E, CODABAR (NW-7), CODE 128, GS1-128(UCC/EAN 128), GS1 Databar (Standard (Omnidirectional)/ Truncated/Stacked/Stacked Omnidirectional/Limited/Expanded), CODE93, POSTNET, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode 2-dimensional: QR Code (model 1, model 2, micro QR), Maxicode, PDF417 (Standard, Truncate, MicroPDF417) Data Matrix (ECC200 Square, ECC200 Rectangular) Aztec		
Internal fonts	ESC/P> Bitmap font: LetterGothicBold (16,24,32,48dot), Helsinki (16,24,32,48dot), Brussels (24,32,48dot), Brougham (24,32,48dot), San Diego (24,32,48dot), Gothic (16,24,32dot) Outline font: LetterGothicRegular, Helsinki, Brussels, Gothic (1 – 400dots) <P-touch Template> Outline font: LetterGothicRegular, Helsinki, Brussels, Gothic (1 – 400dots) Downloadable font support* via Font Manager software		

Memory

	TD-4410D	TD-4420DN	TD-4550DNWB
RAM	256MB		
Flash	64MB		

Weights & Dimensions

	TD-4410D	TD-4420DN	TD-4550DNWB
Dimensions (mm)	180(w) x 155(d) x 224(h)		
Weights	2.08kg		

Included Items

	TD-4410D	TD-4420DN	TD-4550DNWB
Supplied in box	AC adaptor (100 - 240V 50/60Hz) & cord, USB cable, documentations		

* Font licensee permissions are required.

For more detail solutions, please contact us at sales@brother.com.hk .