# Professional Network Label Printer Series

Print durable labels from PC, Mac OS® systems and smart devices using wireless or wired* network connectivity.

- Create durable labels up to 36mm in width
- High speed and high resolution printing
- Wired* network and Wireless network connectivity
- Advanced half cut function with easy label peel feature
- Print images, barcodes and frames on labels
- Connect to imported database to print many labels
- Software development kits (SDK) available for Windows, iOS and Android devices

*PT-P950NW only

Offering the highest print speed and print resolution, PT-P900 professional label printers series, can produce durable labels up to 36mm in width.

Print text, barcodes, images and logos on durable TZe laminated that are suitable for indoor or outdoor use that will last for many years.

Choose between wireless and wired network connectivity and a range of optional accessories to create a customised label printing solution.

*P-touch*

## Key features at a glance

| | PT-P900W | PT-P950NW |
|---|:---:|:---:|
| Print durable labels from 3.5mm to 36mm in width | ● | ● |
| Large 32mm print height for near edge-to-edge printing | ● | ● |
| 360dpi print resolution for crisp text, images and barcodes | ● | ● |
| High speed printing of up to 60mm per second | ● | ● |
| USB and Wi-Fi connectivity | ● | ● |
| Wired network connectivity (10/100 Base-TX LAN) | | ● |
| Advanced half cut function that can print easy-peel labels in a continuous strip for easy labels management | ● | ● |
| Use the free professional desktop P-touch Editor label design software | ● | ● |
| Software development kits (SDK) available to easily add label printing to third party software or apps | ● | ● |
| Merge text contained in Excel, .csv and MSDE/SQL databases to easily print many labels | ● | ● |
| Print 1D and 2D industry standard barcodes | ● | ● |
| Free iOS or Android label apps to print labels from smart devices | ● | ● |
| Optional Rechargeable Li-ion battery and battery base | ● | ● |
| Optional RJ25 to DB9M serial adapter | ● | ● |
| Optional Bluetooth interface | | ● |
| Optional Touch Panel with backlit LCD display to print custom labels without the use of a PC including current or future time and date | | ● |

## Professional label printers designed for any labelling task.

With a wide range of tapes colours and tape widths up to 36mm and near to almost borderless printing with high speed and high resolution print capabilities, these label printers are ideal for facilities management, document archiving, asset labelling and print labels on-demand.

## Wired, Wireless network and Bluetooth connectivity.

These compact desktop label printers can connect to PC or Mac OS® systems using USB or Wireless network connections. PT-P950NW can connects to wired network or an optional Bluetooth module that allows easy connection directly to smart devices, PC and Bluetooth input devices such as barcode scanners.

## Industrial label design software

Both models use the free P-touch Editor label design software for Windows and Mac OS® systems. Create 1D and 2D barcodes, import of logos and any other graphics using P-touch Editor label design software. Link to a Microsoft Excel® spreadsheet or .csv file to print multiple labels quickly and efficiently.
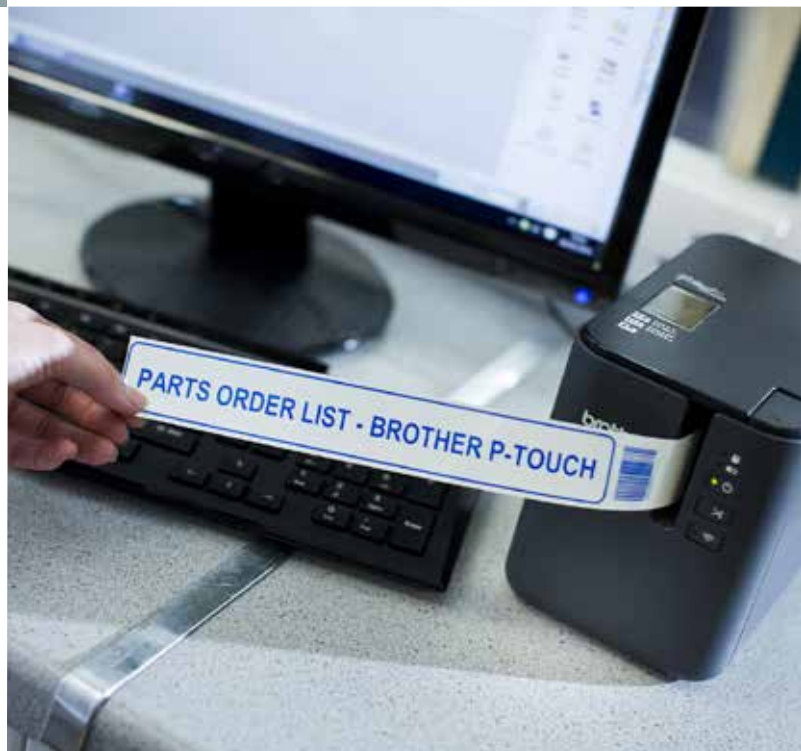
## Print from smart devices.

Instantly create and print simple labels from smart devices without the need of a PC. Brother iPrint&Label app allows wirelessly connection to the printer to design and print labels from iOS or Android devices. Identify any electrical and datacom cabling and equipment by using Brother Cable Label Tool app to print labels for wrapping around cables or faceplates, electrical distribution boards and other specialist equipment.

## Software Development Kit (SDK)

Software and app developers can use the various Software development kits (SDK) for Microsoft Windows, iOS and Android devices to enable label printing from third party software and apps. This make these printers ideal to integrate into any customized solutions.

## Advanced half cut function with easy-peel feature.

The advanced half cut function can produce one long strip of labels that can be easily peeled one-at-a-time and ensure labels are kept in the correct order. Alternatively, label can be fully cut as well if required.

# Print from anywhere.

There are situations where AC Power adapter may not be available, such as on construction sites or when the label printer is on a portable trolley. Attach the optional Rechargeable Li-ion battery and battery base to enable label printing wherever and whenever required.

# Print on demand without connecting to PC.

Ideal for the food, healthcare and laboratory industry, the optional PA-TDU-003 Touch Panel Display Unit (for PT-P950NW) allow printing of labels without PC connection. Design label and upload to the required location indicated on the buttons, the user can simply press the relevant button to print labels on demand. The built-in clock allow labels to be printed with current and future Use by time and dates.

## Optional accessories

**PA-BB-002**

Battery base for Rechargeable Li-ion battery

**PA-BT-4000LI**

Rechargeable Li-ion battery

**PA-SCA-001**

RJ25 to DB9M serial adapter

**PA-BI-002**

Bluetooth interface (For PT-P950NW only)

**PA-TDU-003**

Touch Panel display for stand-alone label print (For PT-P950NW only)

# TZe laminated labels – designed to last

Brother TZe laminated tapes consist of six layers of materials, resulting in a thin yet extremely strong label. The direct thermal transfer ink is sandwiched between two protective layers of PET (polyester film) which protect the text against the effects of liquids, abrasion, temperature, chemicals and sunlight.

As the labels are tested to the extreme, professional quality labels have been designed to last.



### Temperature resistant
Laminated labels were subjected to temperatures ranging from -80C to +150C for 240 hours, and the text was found to be unaffected.



### Fade resistant
After laminated labels were placed in a fade-inducing chamber to simulate a year in sunny surroundings, the text was unaffected



### Water and chemical resistant
Glass plates with laminated labels attached were immersed in water and various chemicals for two hours. The text was unaffected.



### Abrasion resistant
After a 1kg sanding device was passed over the laminated labels 50 times, the text was unaffected.

 P-touch LABELS TESTED TO THE EXTREME

Laminated    Temperature Resistant    Water Resistant    Fade Resistant    Abrasion Resistant    Chemical Resistant    Easy Peel    Strong Adhesive

# TZe Tape range

| | 3.5mm | 6mm | 9mm | 12mm | 18mm | 24mm | 36mm |
|---|---|---|---|---|---|---|---|
| **Standard laminated tape (8m / *4m)** | | | | | | | |
| | | TZe-111 | TZe-121 | TZe-131 | TZe-141 | TZe-151 | TZe-161 |
| | | | | TZe-132 | | | |
| | | | | TZe-133 | | | |
| | | | | TZe-135 | | | |
| | | TZe-211 | TZe-221 | TZe-231 | TZe-241 | TZe-251 | TZe-261 |
| | | | TZe-222 | TZe-232 | TZe-242 | TZe-252 | TZe-262 |
| | | | TZe-223 | TZe-233 | TZe-243 | TZe-253 | TZe-263 |
| | | | | TZe-334 | TZe-344 | TZe-354 | |
| | | TZe-315 | TZe-325 | TZe-335 | TZe-345 | TZe-355 | TZe-365 |
| | | | TZe-421 | TZe-431 | TZe-441 | TZe-451 | TZe-461 |
| | | | | TZe-435 | | | |
| | | | TZe-521 | TZe-531 | TZe-541 | TZe-551 | TZe-561 |
| | | | | TZe-535 | | TZe-555 | |
| | | TZe-611 | TZe-621 | TZe-631 | TZe-641 | TZe-651 | TZe-661 |
| | | | TZe-721 | TZe-731 | TZe-741 | TZe-751 | |
| | | | | | | | |
| | | | | TZe-B31 | | TZe-B51 | |
| | | | | TZe-C31 | | TZe-C51 | |
| **Matt laminated tape - (8m / **5m long)** | | | | | | | |
| | | | | TZe-M31 | | | |
| | | | | TZe-MQL35** | | | |
| | | | | TZe-MQP35** | | | |
| | | | | TZe-MQG35** | | | |
| **Metallic laminated tape - 8m long** | | | | | | | |
| | | | TZe-M921 | TZe-M931 | | TZe-M951 | TZe-M961 |
| **Non-laminated tape - 8m long** | | | | | | | |
| | TZe-N201 | | TZe-N221 | TZe-N231 | TZe-N241 | TZe-N251 | |
| **Flexible ID laminated tape - 8m long** | | | | | | | |
| | | TZe-FX211 | TZe-FX221 | TZe-FX231 | TZe-FX241 | TZe-FX251 | TZe-FX261 |
| | | TZe-FX611 | TZe-FX621 | TZe-FX631 | TZe-FX641 | TZe-FX651 | TZe-FX661 |
| **Strong Adhesive laminated Tape - 8m long** | | | | | | | |
| | | | TZe-S121 | TZe-S131 | TZe-S141 | TZe-S151 | |
| | | TZe-S211 | TZe-S221 | TZe-S231 | TZe-S241 | TZe-S251 | TZe-S261 |
| | | | TZe-S621 | TZe-S631 | TZe-S641 | TZe-S651 | |
| **Fabric tape - 3m long** | | | | | | | |
| | | | | TZe-FA3 | | | |
| | | | | TZe-FAE3 | | | |
| | | | | TZe-FA53 | | | |
| | | | | TZe-FA63 | | | |
| **Security Laminated tape - 8m long** | | | | | | | |
| | | | | | TZe-SE4 | TZe-SE5 | |

## HSe Heat shrink

| 5.8mm | 8.8mm | 11.7mm | 17.7mm | 23.6mm |
|---|---|---|---|---|
| HSe-211 | HSe-221 | HSe-231 | HSe-241 | HSe-251 |

## FLe Flag die-cut label range - 72 labels

| 45mm x 21mm |
|---|
| FLe-2511 |
| FLe-6511 |

(Tape availability differs by country)

## Specification

### Label printing

Print labels up to 36mm in width

Maximum print height of 32mm for near edge-to-edge printing

360dpi print resolution for crisp, legible text, images and barcodes

Fast print speed at 60mm per second

Built-in automatic label cutter with easy-peel function

Minimum label length: 4mm | Maximum label length: 1m

Print up to 17 lines per label

Number of copies: 1 - 999

### Connectivity: Wired Network

USB: Windows® (USB1.1, 2.0, 3.0 protocol) | Mac OS® systems (USB 1.0, 2.0 protocol)

Wired Network: 10 Base-T/100 Base-TX (For PT-P950NW only)

Serial: RS-232C (For printing with ESC/P commands only. Requires an optional serial adapter.)

### Connectivity: Wireless Network

Wireless Direct: IEEE 802.11n | Ad-Hoc mode: IEEE802.11b | Infrastructure mode: IEEE802.11b/g/n | WPS 2.0

### Connectivity: Bluetooth (Optional accessory to purchase for PT-P950NW)

Bluetooth 2.1+EDR | Profiles: SPP, OPP

### Printer emulations and printer modes

P-touch Raster | ESC/P | P-touch Template

### Label creation (PC or Mac® OS systems)

Uses P-touch Editor label design software

Link to data stored in Microsoft® Excel® (Windows®) and .csv (Mac) files, to merge onto labels

Choose any fonts installed on PC or Mac OS® systems to fully customise label

Support popular image formats (.bmp, .dib, .jpg, .tif, .ico, .wmf)

Special cable labelling wizard to easily create labels for cables, patch panels, faceplates and switches

Use date and time stamping to automatically include current or future dates and time on labels

### Barcode protocols supported

1D: CODE39, CODE128, ITF 2/5, EAN13, EAN8, UPC-A, UPC-E, CODABAR, GS1-128 (UCC/EAN128)

2D: QR Code, PDF417, Data Matrix, Aztec Code, RSS-14 (Standard, Truncated, Stacked, StackedOmni), RSS-Limited, RSS Expanded (Standard, Stacked)

### Dimension and Weight

118mm (W) x 192mm (D) x 146mm (H) | 1.48kg (PT-P900W) / 1.51kg (PT-P950NW)

### Package content

TZe-261 36mm Black on White tape (8m long)

AD-9100ESA AC Power adapter

USB cable

User guide

### Tape types supported

TZe tape: 3.5mm - 36mm

HSe heat shrink tube: 5.8mm - 23.6mm

FLe die-cut labels: 21mm x 45mm

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**System Requirements**

**Operating Systems:** Microsoft® Windows Vista® | Microsoft® Windows® 7 | Microsoft® Windows® 8 | Microsoft® Windows® 8.1
Microsoft® Windows® 10 | Microsoft® Windows Server® 2008 | Microsoft® Windows Server® 2008 R2 | Microsoft® Windows Server® 2012
Microsoft® Windows Server® 2012 R2 | Mac OS X 10.9.5/10.10.x/10.11.x

**Hard disk space:** Windows®: More than 70MB | Mac: More than 500MB

**System memory:** As per operating system requirements

**Microsoft® Office® support for P-touch add-in:**
Microsoft® Word 2007/2010/2013/2016 | Microsoft® Excel® 2007/2010/2013/2016 | Microsoft® Outlook® 2007/2010/2013/2016