

brother  
at your side

# P-touch EDGE PT-7600

Electronic labeller

Brother | P-touch 7600



P-touch LABELS  
**TESTED**  
TO THE EXTREME ✓



Always at your side



Choosing the correct TZ label tape for the job is crucial. This is why Brother has a range of tapes specifically designed for different labelling applications. By using our unique lamination process and specially developed adhesives, you can be sure that your labels will withstand the harshest conditions, year after year.

**TZ Laminated Tapes:** Unlike ordinary labels, our unique laminated tape technology ensures that your text is sandwiched between a layer of super-clear polyethylene and the durable base layer. This makes these virtually indestructible labels resistant to sunlight, abrasion, moisture, chemicals, heat and cold.

**Strong Adhesive Tape:** Our strong adhesive tape demonstrates 50% more adhesive strength on average compared to our standard tape, and is suitable for more demanding applications.

**Flexible ID Tapes:** Designed for wrapping around small diameter curved surfaces such as power cables and conduit/pipes they are also perfect where the label needs to be stuck onto itself (flagging).

		FLAT SURFACE	LARGE CURVED SURFACE	SMALL CURVED SURFACE
TZ Laminated Tapes	Smooth	●	▲	×
	Textured	×	×	×
Strong Adhesive Tape	Smooth	●	●	×
	Textured	●	●	×
Flexible ID Tapes	Smooth	●	●	●
	Textured	×	▲	●

● Recommended ▲ Acceptable × Not Recommended

## Built for professional use

The PT-7600 comes packed with features and functions that have been developed as a result of listening to our customers needs.

With a rugged and durable design, the machine comes with a protective rubber grip that not only offers protection, but also helps ensure the machine won't slip from your grasp. To further protect the unit, it is supplied in a robust carry case with storage space for additional tapes, accessories and the AC Adaptor.

### P-touch 7600 includes:

- PT-7600 Industrial labelling tool with rubber impact guards
- 12mm Black on White Flexi-ID cable wrapping 8m tape
- Handy Carry Case
- Built-in rechargeable battery pack
- AC Adaptor
- USB cable
- Label editing / design software
- Neck / Hand Strap



# Creating your own custom labels offers four key benefits to electricians, cable installers, and others in the professional trade:

## ① Professional Installation

Impress your customers with a professional, quality installation by creating detailed, easy-to-read labels that contain symbols, and even your own company logo.

## ② Ease of Maintenance

Reduce the time needed to diagnose faults by using Brother P-touch machines to clearly label cables and electrical or network components.

## ③ Ease of Operation

Make life easy for your customers. Use Brother P-touch labels to clearly identify electrical components, network / telephone ports and faceplates, ensuring ease of operation and reducing the possibility of mistakes.

## ④ Safety

Create professional warning signs and information labels to instruct your customers on key safety points.

## P-touch PT-7600

### **E** Easy to use, just type and print a label!

- Intuitive interface makes it simple to design the perfect label
- Smart tape technology automatically selects the font size and length of a label
- Simple label design tool helps you create the right label for your specific application

### **D** Durable construction with rubber impact guards protects from expected bumps and rough handling

- Portable handheld design, weighs only 610g
- Comes with protective carrying case to hold labeler, AC adapter, batteries and extra tapes

### **G** Great performance at an affordable price

- Versatile font options – From 1 line up to 62 point size, to 7 lines with up to 26 rotated characters\* per line
- Prints industry standard (ANSI X3.182) bar codes
- Multiple power choices – batteries or AC adapter

### **E** Extreme conditions requires tough P-touch laminated labels

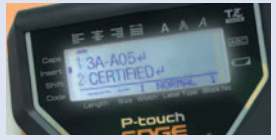
- Ideal for commercial and industrial applications
- Includes UL recognized (UL969) labels for indoor/outdoor applications
- Resists extreme temperatures, chemical exposure, moisture, fading and abrasion

\*Requires global character width set to narrowest setting



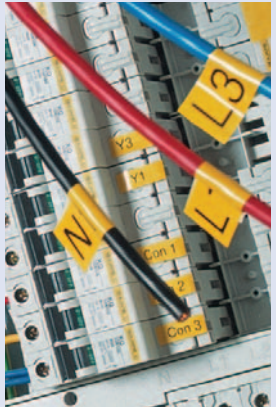
# Benefits and features designed for electricians and cable installers

## Easy-to-read backlit LCD display panel



## Automatic numbering

Quickly and easily print labels that contain incrementing numbers. Perfect to identify a mass of cables!



## Advanced cutter system

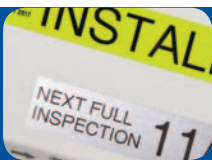
To ensure that your label is printed at the correct length, the PT-7600 has a special cutter system that will pause the printing at the required cut point. No scissors are required to cut the tape to the correct length!

## Rechargeable Battery

Supplied with a rechargeable battery pack, the unit is easily charged machine, which helps to reduce the environmental impact and also

## Create custom content and upload to the memory o

The PT-7600 includes a USB port and cable to allow connection to label layouts and add your own AV and electrical symbols or your design software. There are ten special memory locations on the d images and label designs, so they are available whenever and wh



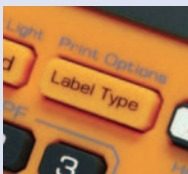
## Symbols

148 symbols (including typical Audio/Video symbols) are included as standard.



## Easy label creation

A dedicated "Label Type" button allows you to quickly create labels for the most common electrical labelling applications.



319/4



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A5 A4 A3 A2 A1

IN 2 IN 1

FLR1 FLR1



and overnight by simply plugging the AC Adaptor into the labelling device. This saves you money. No more buying expensive batteries!

## Features of the PT-7600

Connect to a Microsoft Windows based PC. Create your own labels with your company logo using the supplied label software. The device is also a device for storing your own customised labels wherever you want them.

P-touch



**Abrasion Resistant**

**Abrasion Test:** A 1kg sanding device was passed over Brother P-touch laminated labels, and non-laminated competitor labels. After 50 return passes the characters underneath the P-touch laminated label were completely unaffected and the lamination was only slightly scratched. The characters on the competitor labels were affected by this test.



**Strong Adhesion**

**Strong Adhesive Test:** Standard tape and extra strength adhesive tape were affixed to a variety of surfaces and left for 30 minutes. Adhesive strength was tested by removing the tape at an angle of 180 degrees. Our strong adhesive tape maintained an average of 50% more adhesive strength compared to standard tapes.



**Chemical Resistant**

**Chemical Test:** Tapes were immersed in various liquids for 2 hours, and no change in the labels' appearance or structure occurred. Although some labels soaked in certain chemicals showed minor changes, rubbing the labels with the same chemicals had no effect at all. A 500g weight with a chemical and solvent infused cloth was passed over each label 20 times, and the print quality of P-touch laminated labels were unaffected, unlike the competitors' non-laminated labels.



**Fade Resistant**

**Fade Test:** Several Brother P-touch laminated labels were attached to coated metal plates and placed inside a fade-inducing chamber at 83°C and left for a period of 100 hours to simulate a year in sunny surroundings. The text colour remained unchanged and was still completely legible. To the naked eye, the tapes' background colour showed no change, except for the yellow tape which showed some slight fading.



**Temperature Resistant**

**Temperature Resistant Labels:** P-touch laminated labels, slightly roughened with abrasive paper, were attached to stainless steel then heated and cooled. After 240 hours at -80°C no noticeable change in the tapes' adhesive or colour had occurred. After 240 hours at 150°C, despite slight discoloration, the text on the labels remained completely intact\*. The black on matt silver tapes are most resistant to high temperatures.

\*When tape is subject to extremely high temperatures for long periods, the laminate film may be separated or discoloured, or it may shrink. For more detailed information on the tests performed, please contact your local Brother office.

## Technical Information

### Hardware

<b>Housing Dimensions</b>	134mm(W) x 235mm(D) x 78mm(H)
<b>Housing Weight</b>	610g (without batteries and tape cassette)
<b>Housing Design</b>	Handheld Type
<b>Housing Colour</b>	Orange / Black
<b>Keyboard</b>	ABCD Layout
<b>Number of Keys</b>	56 keys
<b>Cutter</b>	Manual
<b>Power</b>	Rechargeable Batteries Pack (BA-7000), 6 x AA Alkaline (LR6) Batteries, 6 x AA Rechargeable Batteries or AC adaptor
<b>LCD</b>	132 x 48 dots Graphic Display with Backlight
<b>Included Items</b>	Carrying Case, User's Guide, Adjustable Neck Strap, Rechargeable Batteries Pack (BA-7000), AC- Adapter, CD-ROM, USB Cable, 12mm Black on White Flexi-ID cable 8m wrapping tape (TZ-FX231)
<b>Tape Type</b>	TZ-tape
<b>Tape Size</b>	6 / 9 / 12 / 18 / 24 mm
<b>Print Head</b>	180 dpi
<b>Print Speed</b>	10mm / second

### Firmware

<b>Built in Fonts</b>	Helsinki
<b>Characters</b>	373
<b>Symbols</b>	164
<b>Max. Print Height</b>	18mm
<b>Number of lines printable</b>	Max.7 lines
<b>Text Buffer</b>	500 characters
<b>Memory</b>	Max. 2,000 characters
<b>Character Sizes (pts)</b>	Auto, 6, 9, 12, 18, 24, 36, 48
<b>Character Widths</b>	Normal / Narrow / Thin / Wide
<b>Type Styles</b>	Normal / Bold / Outline / Italic / Italic Bold / Italic Outline
<b>Framing</b>	15 kinds
<b>Barcodes</b>	CODE39, CODE128, EAN8, EAN13, EAN128, UPC-A, UPC-E, I-2/5(ITF), CODABAR
<b>Mirror Printing</b>	Yes
<b>Block Printing</b>	Yes
<b>Repeat Printing</b>	Yes (1-99)
<b>Numbering</b>	Yes (1-99)
<b>Database Printing</b>	Yes
<b>Tape Margin Settings</b>	2mm - 99mm
<b>Transfer Function</b>	Download Templates and Image Characters (Max.10) Download Database x 1
<b>Battery Weak Indication</b>	Yes
<b>Auto Power Off</b>	Yes
<b>Print Image ( Preview )</b>	Only Layout Preview

### Software

<b>Label Editing Software</b>	P-touch Editor ver. 5.0, P-touch Library 2.1
<b>Operating System</b>	Windows® 2000 Professional / XP / Windows Vista®
<b>Interface</b>	USB Port (USB Spec. 1.1 or 2.0 protocol) for transfer only

# Tape Comparison Chart



6mm	9mm	12mm	18mm	24mm
Laminated - 8 metres				
TZ 111	TZ 121 TZ 122 TZ 123 TZ 125	TZ 131 TZ 132 TZ 133 TZ 135	TZ 141 TZ 143	TZ 151 TZ 152 TZ 153 TZ 155
TZ 211	TZ 221 TZ 222 TZ 223	TZ 231 TZ 232 TZ 233	TZ 241 TZ 242 TZ 243	TZ 251 TZ 252 TZ 253
	TZ 324	TZ 334	TZ 344	TZ 354
TZ 315	TZ 325 TZ 421	TZ 335 TZ 431 TZ 435	TZ 345 TZ 441	TZ 355 TZ 451 TZ 455
	TZ 521	TZ 531 TZ 535	TZ 541	TZ 551 TZ 555
TZ 611	TZ 621	TZ 631 TZ 635	TZ 641	TZ 651 TZ 655
	TZ 721	TZ 731	TZ 741	TZ 751 TZ 755
		TZ B31 TZ C31 TZ D31		TZ B51 TZ C51 TZ D51
Fluorescent - 5 metres Laminated				
Matt - 8 metres Laminated				
		TZ M31 TZ M931	TZ M941	TZ M51 TZ M951
Flexible ID tape - 8 metres Laminated				
TZ FX111	TZ FX121	TZ FX131	TZ FX141	TZ FX151
TZ FX211	TZ FX221	TZ FX231	TZ FX241	TZ FX251
TZ FX611	TZ FX621	TZ FX631	TZ FX641	TZ FX651
Strong Adhesive - 8 metres Laminated				
TZ S211	TZ S221	TZ S231	TZ S241	TZ S251
TZ S611	TZ S621	TZ S631	TZ S641	TZ S651
		TZ S131	TZ S141	TZ S151
Acid Free Adhesive Tape - 8 metres Laminated				
		TZ AF231		
		TZ AF131		
Iron on Fabric - 3 metres				
		TZ FA3		
		TZ FAE3		
		TZ FA53		
		TZ FA63		
Tamper Evident - 8 metres Laminated				
			TZ SE4	
Print head cleaning cassette - approx. 100 uses				
		TZ CL3	TZ CL4	

Actual tape colours may differ slightly from the printed colours. Brother TZ tapes are supplied in standard 8m lengths. Exceptions are fluorescent (5m) and iron-on fabric tape (3m). Please refer to the Options/Consumables page at [www.brother.com.au](http://www.brother.com.au) specific to your P-touch model to determine the tape width sizes compatible with your labeller.

Contact:



## Brother International (Aust) Pty Ltd

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All specifications subject to change without notice

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