Specifications

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	P-touch 7100VP	P-touch 7500VP	P-touch 7600VP
Keyboard Type	ABCD with separate numeric keypad	ABCD with separate numeric keypad	ABCD with separate numeric keypad
Cutter	Manual	Manual with cut pause function	Manual with cut pause function
Power	6 x AAA Alkaline (LR03) Batteries AC-Adaptor (supplied)	6 x AA Alkaline (LR6) Batteries 6 x AA Rechargeable Batteries AC-Adaptor (supplied)	Rechargeable Battery Pack (supplied) 6 x AA Alkaline (LR6) Batteries 6 x AA Rechargeable Batteries AC-Adaptor (supplied)
LCD	12 Characters x 1 Line	16 Characters x 2 Line Graphic Display with Backlight	16 Characters x 2 Lines Graphic Display with Backlight
Tape Size Support	3.5 / 6 / 9 / 12mm	6 / 9 / 12 / 18 / 24mm	6 / 9 / 12 / 18 / 24mm
Max. Print Height	9.0mm	18.0mm	18.0mm
Print Speed	10mm / second	10mm / second	10mm / second
Font Style	Helsinki (Sans Serif)	Helsinki (Sans Serif)	Helsinki (Sans Serif)
Type Styles	Normal/Bold/Outline/Shadow/ Italic/Italic Bold/Italic Outline/ Italic Shadow/Vertical	Normal/Bold/Outline/Italic/ Italic Bold/Italic Outline	Normal/Bold/Outline/Italic/ Italic Bold/Italic Outline
Number of Frames	6 Frames	15 Frames	15 Frames
Horizontal Alignment	No	Left/Right/Centre/Justify	Left/Right/Centre/Justify
Mirror Printing	Yes	Yes	Yes
Vertical Printing	Yes	Yes	Yes
CHR Size (Pts)	6, 9, 12, 18, 24, Auto	6, 9, 12, 18, 24, 36, 48, Auto	6, 9, 12, 18, 24, 36, 48, Auto
Multiple Line Printing	1 or 2 lines	1 to 7 lines	1 to 7 lines
Number of Blocks	1 block only	Maximum 50 blocks	Maximum 50 blocks
Number of characters	292	373	373
Number of symbols	107	164	164
Label Length Setting	30mm - 300mm	6mm - 999mm	6mm - 999mm
Barcode Printing	No	CODE39, CODE128, EAN8, EAN13, EAN128, UPC-A, UPC-E, I-2/5(ITF), CODABAR	CODE39, CODE128, EAN8, EAN13, EAN128, UPC-A, UPC-E, I-2/5(ITF), CODABAR
Maximum Number of characters/label	80	500 characters (average)	500 characters (average)
Text Memory / Copy printing	720 characters in 9 memory locations	2,000 characters maximum	2,000 characters maximum
Sequential Numbering	1 - 9	1 - 99	1 - 99
Tape Margin Settings	Narrow / Half / Full / Chain Print	2mm - 99mm	2mm - 99mm
LCD language change	English/German/French/Dutch/Spanish/ Portuguese/Italian/Danish/Swedish/ Norwegian/Finnish/Polish/Slovakian/ Slovene/Croatian/Romanian/ Hungarian/Czech	English/German/French/Dutch/ Spanish/Portuguese/Italian/Danish Swedish/Norwegian/Finnish	English/German/French/Dutch/ Spanish/Portuguese/Italian/Danish Swedish/Norwegian/Finnish
Unit Change(cm/inch)	Yes	Yes	Yes
PC Transfer Function	No	No	10 x Custom Templates & Images 1 x Database

System Requirements (PT-7600VP Only)	
Operating System	Windows® 2000 Professional/XP/Windows Vista®
Hard disk space required	70MB minimum
Interface	USB Port (USB Spec. 1.1 or 2.0 protocol)
Graphics Adaptor	Minimum: SVGA with 16 bit colour depth
Other requirements	CD-ROM drive for installation

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P-touch

Professional Labelling Machines for electricians and cable installers

P-touch 7100VP
P-touch 7500VP
P-touch 7600VP

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

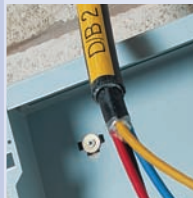Create professional warning signs and information labels to instruct your customers on key safety points.

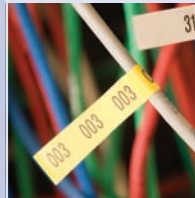**Telephone and Network faceplates**

Distribution boxes & patch panels

Cable pathways and conduits

Cables

The ideal introduction to professional labelling

Designed for basic labelling tasks, the PT-7100 prints durable labels on demand with 3.5, 6, 9 and 12mm tape widths. Over 35 common electrical and Audio/Visual related symbols can be included on your labels, and up to two lines of text can be printed.

Easy to use

The function key provides quick and easy access to all the machine's settings. Simply choose from 9 print styles in 15 sizes, and 6 frame styles. The display allows you to view and edit your label before printing.

Portable

The PT-7100 is a lightweight, compact, handheld labelling machine. Designed with a protective rubber hand grip, it is supplied complete with a practical carry case with room for the AC Adaptor and your favourite TZ tape cassettes.
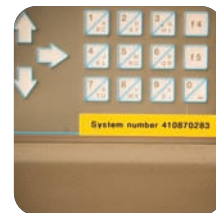
P-touch 7100VP includes:

- 12mm Black on Yellow Strong Adhesive 8m tape
- Handy Carry Case
- AC Adaptor

P-touch 7100VP Features:

- 12 character LCD
- 2 line printing
- Horizontal, vertical, and mirror printing
- 107 symbols
- 720 character memory
- 15 font sizes and 9 type styles
- 6 frames

Built for professional use

Both the PT-7500 and the PT-7600 come packed with features and functions that have been developed as a result of listening to our customers needs.

With a rugged and durable design, both the machines come 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 units, they are supplied in a robust carry case with storage space for additional tapes, accessories and the AC Adaptor.

P-touch 7500VP includes:

- 24mm Black on Yellow Strong Adhesive 8m tape
- Handy Carry Case
- AC Adaptor
- Neck/Hand Strap

PT-7500 & PT-7600 Features:

- Protective rubber hand grip
- Uses 6,9,12,18 & 24mm label tapes
- Dedicated "Label Type" button to quickly make labels for the most common labelling applications
- Backlit easy-to-read LCD
- Advanced cutter system – no scissors required
- Automatic sequential numbering
- Barcode printing
- 7 line printing

Benefits of the PT-7500 and PT-7600

Benefits and features designed for electricians and cable installers

Easy-to-read backlit LCD panel

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

L1	L1
L2	L2
L3	L3

Advanced cutter system
To ensure that your label is printed at the correct length, both models have 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!
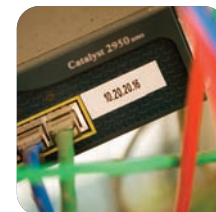
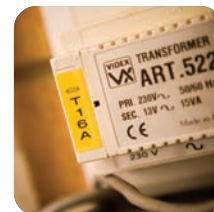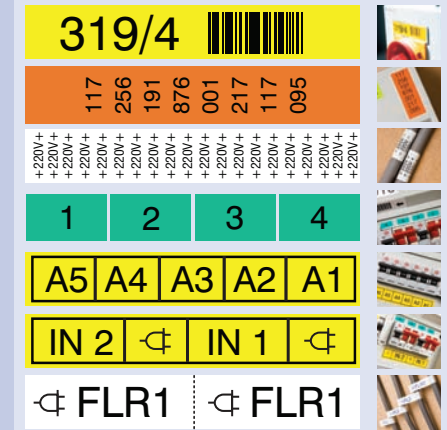**Symbols**
164 symbols (including typical Audio/Video symbols) are included as standard on both models.

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

PT-7600 additional features and benefits

Rechargeable Battery

Supplied with a rechargeable battery pack, the unit is easily charged overnight by simply plugging the AC Adaptor into the labelling machine, which helps to reduce the environmental impact and also saves you money. No more buying expensive batteries!

Create custom content and upload to the memory of the PT-7600

The PT-7600 includes a USB port and cable to allow connection to a Microsoft Windows based PC. Create your own label layouts and add your own AV and electrical symbols or your company logo using the supplied label design software. There are ten special memory locations on the device for storing your own customised images and label designs, so they are available whenever and wherever you want them.

P-touch 7600VP includes:

- 24mm Black on Yellow Strong Adhesive 8m tape
- 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

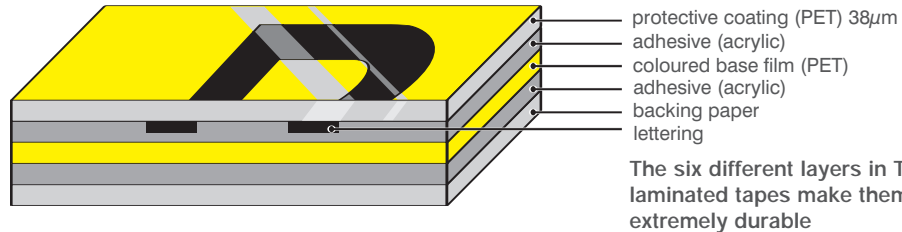| Summary of features	P-touch 7100VP	P-touch 7500VP	P-touch 7600VP
Protective rubber hand grip	✓	✓	✓
AC Adaptor and carry case included	✓	✓	✓
Can use standard alkaline batteries	✓	✓	✓
Quick-change label cassette system	✓	✓	✓
Store your favourite labels in memory	✓	✓	✓
Basic range of electrical symbols included	✓	✓	✓
Extended range of electrical & A/V symbols	✓	✓	✓
Quick number entry using dedicated keyboard	✓	✓	✓
Advanced cutter ensures labels are cut to the required size		✓	✓
Print labels up to 24mm in width		✓	✓
Choose label/block lengths in 0.1mm increments		✓	✓
Easy to read LCD with backlight		✓	✓
Dedicated label modes for common electrical label applications		✓	✓
Rotated text capability for wrapping around cables		✓	✓
Neck strap - useful to carry machine whilst climbing ladders		✓	✓
Supplied with two label tapes as standard			✓
Rechargable battery included			✓
Built-in USB port and supplied with USB cable**			✓
Store a company logo or other images in memory**			✓
Create your own label templates to make label creation quicker**			✓

** Requires PC connection

Labels that last

- protective coating (PET) 38μm
- adhesive (acrylic)
- coloured base film (PET)
- adhesive (acrylic)
- backing paper
- lettering

The six different layers in TZ laminated tapes make them extremely durable

Why do Brother P-touch laminated labels last longer?

Unlike ordinary labels, Brother P-touch laminated TZ tapes consist of six layers of materials, resulting in a thin, extremely strong label. Characters are formed with a thermal transfer ink and sandwiched between two protective layers of PET (polyester film).

The result is a virtually indestructible label that can withstand even the harshest conditions.

Tested to the extreme

We are sure about the durability of our labels because we've tested them to the extreme, against the effects of abrasion, temperature, chemicals and sunlight. Results prove that Brother P-touch laminated labels outperform competitor labels, staying legible and affixed, so you can be confident of a professional quality label that has been designed to last.

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

Tested to the extreme

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 discolouration, 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 become discoloured, or it may shrink. For more detailed information on the tests performed, please contact your local Brother office.

Tapes for all job types

P-touch

TZ Tape range

P-touch

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

3.5mm	6mm	9mm	12mm	18mm	24mm
Standard Laminated - 8m					
	TZ 111	TZ 121	TZ 131	TZ 141	TZ 151
		TZ 122	TZ 132		TZ 152
		TZ 123	TZ 133		TZ 153
			TZ 135	TZ 145	TZ 155
	TZ 211	TZ 221	TZ 231	TZ 241	TZ 251
		TZ 222	TZ 232	TZ 242	TZ 252
		TZ 223	TZ 233	TZ 243	TZ 253
		TZ 324	TZ 334	TZ 344	TZ 354
	TZ 315	TZ 325	TZ 335	TZ 345	TZ 355
		TZ 421	TZ431	TZ 441	TZ 451
			TZ 435		TZ 455
		TZ 521	TZ 531	TZ 541	TZ 551
			TZ 535		TZ 555
	TZ 611	TZ 621	TZ 631	TZ 641	TZ 651
			TZ 635		TZ 655
		TZ 721	TZ 731	TZ 741	TZ 751
			TZ 735		TZ 755
Fluorescent Laminated - 5m					
			TZ B31		TZ B51
			TZ C31		TZ C51
			TZ D31		TZ D51
Matt Laminated - 8m					
		TZ M21	TZ M31		TZ M51
Metallic Laminated - 8m					
			TZ 931		TZ 951
			TZ M931		TZ M951
Non Laminated - 8m					
TZ N201					
Flexi ID / Flexi-Tapes - 8m					
	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 Laminated - 8m					
	TZ S111	TZ S121	TZ S131	TZ S141	TZ S151
	TZ S211	TZ S221	TZ S231	TZ S241	TZ S251
	TZ S611	TZ S621	TZ S631	TZ S641	TZ S651
Security Laminated - 8m					
				TZ SE4	

Brother TZ tape cassettes are available in many different widths, colours and materials

Create the perfect label time after time. No awkward spools of labels to insert - changing the cassette is quick and easy.

Simply open the cassette cover, remove the TZ tape cassette, insert the new cassette and close the cover.

The labelling machine automatically detects the width of the cassette tape, so your text will print at the correct size.