

# Be positive about patient safety

Keep healthcare operations efficient  
and accurate with Brother portable  
solutions.

[www.brother.eu](http://www.brother.eu)



You're in  
safe hands  
with Brother



Brother have  
designed the  
perfect machines  
for the healthcare  
market.

**brother**  
at your side

## At your side for over 25 years

With longstanding roots in healthcare and over 25 years' experience, Brother helps hospitals, community care workers and pharmacies with reliable, value for money print technology.

Brother understands the challenges and possesses the know-how to come up with innovative ways of helping healthcare professionals to be efficient, without sacrificing the quality of their work and processes.

Brother products optimise the workflow of healthcare professionals, as every minute front line staff spend getting the printer to work is a minute they can't spend on improving patient care.

From the day it's delivered to the day it's taken away for recycling, every Brother product uses as little energy, paper and resources as possible.

# The global cost of medication errors could reach 42 billion US dollars a year.



## Patient safety looks like this

It is essential for healthcare professionals to be mobile, efficient and most importantly faultless in their work. A demanding job requires technology that is up to the challenge.

Brother has designed a range of mobile and desktop printers that are bespoke to the needs of healthcare professionals. The printers ensure ease of use, compatibility and true portability.

They have the performance, features and media capacity of desktop printers, but with the option to go completely mobile thanks to their compact footprint, wireless functionality and Li-ion battery.

To ensure complete compatibility and ease of use, Brother work in close partnership with leading healthcare software providers to ensure they integrate seamlessly with patient management systems and a wide range of host devices.

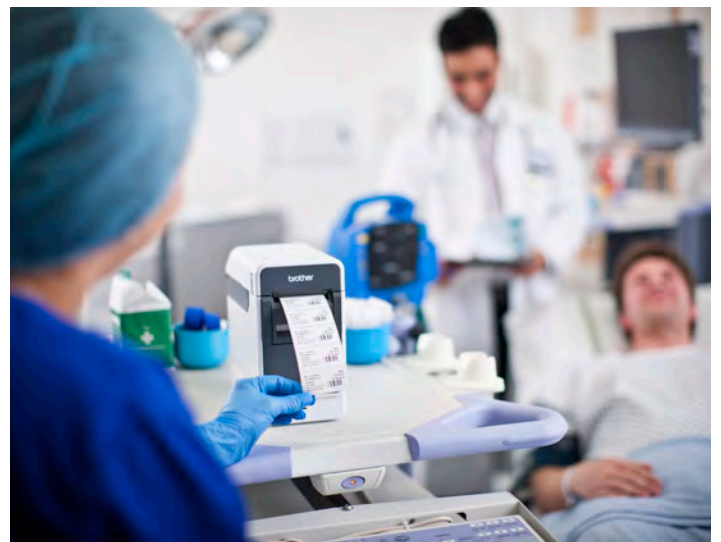


## Admissions

Paramedics and admissions staff are under extreme pressure to ensure the safety of their patients. It is critical that their workflow is efficient and delivers 100% accuracy, so patients are delivered the correct treatment by doctors within the hospital. Brother portable solutions are the perfect fit for paramedics, helping to streamline workflows and improve patient care.

## Clinical care & laboratory

It is critical for hospitals to be equipped with the best technology on the market. Working alongside these devices, doctors, nurses and laboratory technicians have patients' lives depending on their care. In this environment, each device must be able to integrate, adapt and improve workflows that are put in place to ensure the highest level of patient safety.



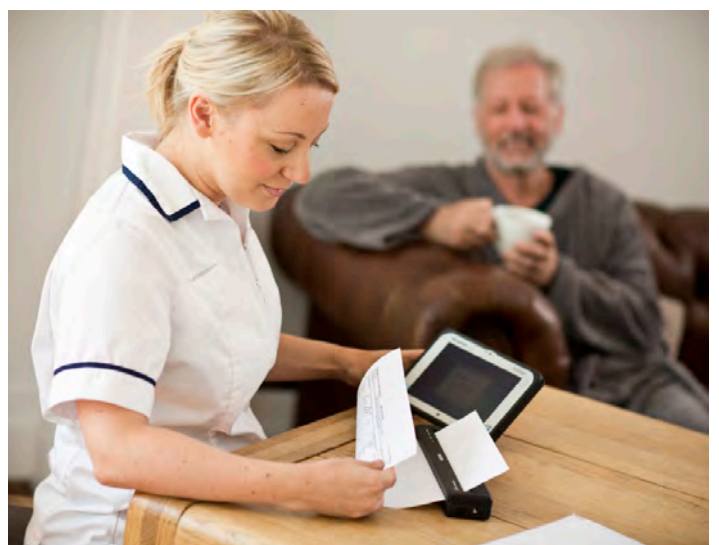


## Pharmacy

The constant priority for pharmacists is to keep an efficient workflow which eases the flow of patients waiting for their prescriptions. They must however, keep a keen eye out for any errors as wrongly prescribed medication could have serious consequences. Brother portable solutions offer seamless integration into existing systems and reduce the risk of illegible handwritten labels.

## Home healthcare

Home healthcare professionals on the move need the ability to produce documentation on location so patients can be left with details of their care plan and a record of medication for treatment. Print technology reduces the risk of errors which keeps them safe.



# Benefits of a mobile solution



## Fast and easy to use

Just drop in a roll or load paper and print.



## Clinical efficiency

Print A4 documents on the move. Also print labels and wristbands - whatever the location.



## Fully customisable

A wide range of accessories and print media to customise for your needs.



## Complete portability

Administer care and apply labels where it's needed most.



## Improve patient safety

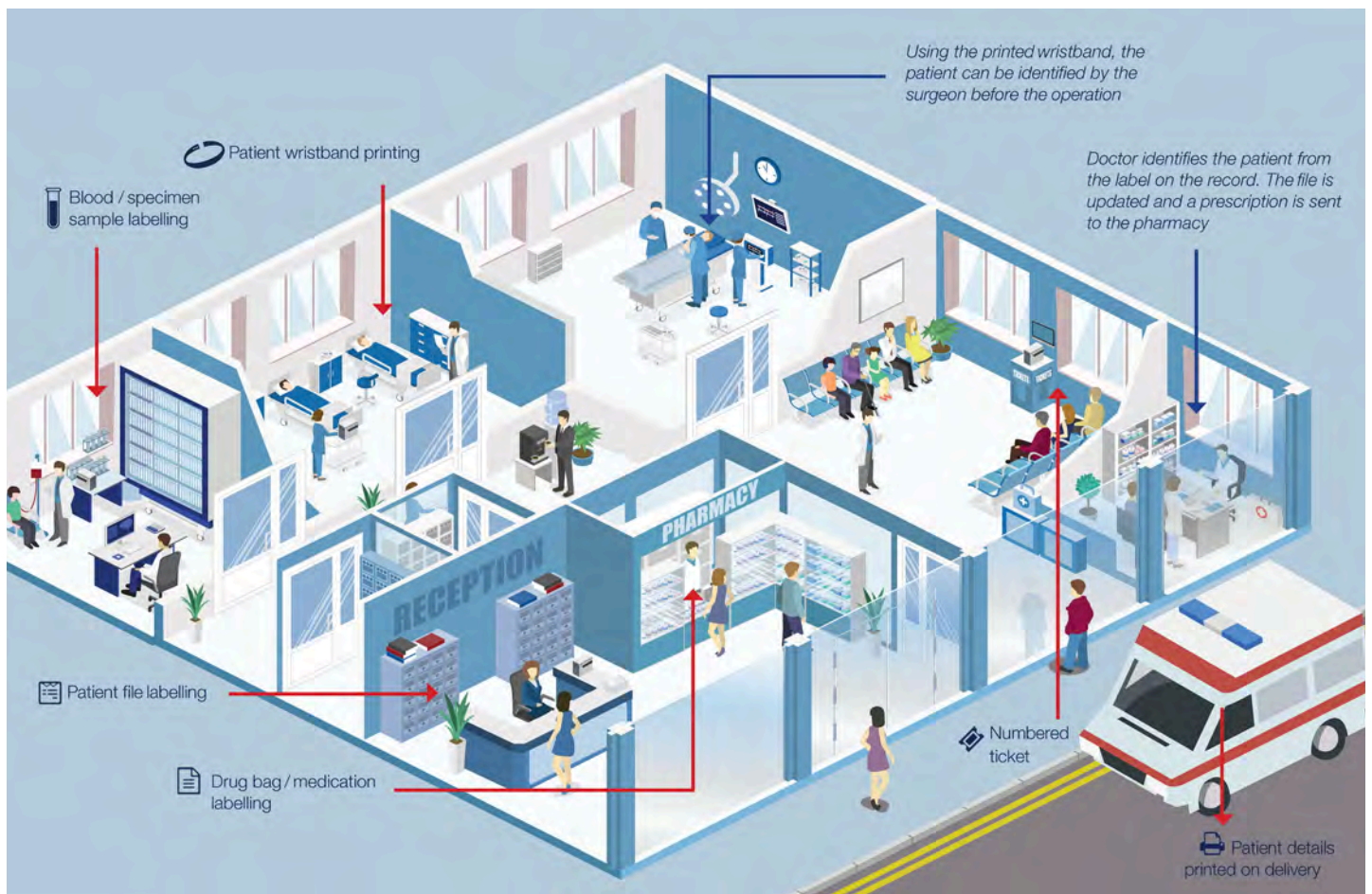
Provide accurate information at the point of care to help reduce errors and enhance clinical efficiency.



## Superior quality & performance

Portable printing solutions designed and tested for the healthcare market.

# Healthcare applications



# Admissions

When entering the hospital, it is crucial that patient records are organised efficiently. Ambulance staff print out patient records and hand them to on-site administrators who ensure the records are updated and passed on to caregivers. Positive patient identification means the correct treatment is administered.

## Patient record printing

Ambulance staff can print out patient records and hand them to on-site administrators who ensure the records are updated and passed on to caregivers.

**Printing requirement:** A4/A5  
**Machine:** PJ-700 series



## Wristband printing

Patients admitted to the hospital as outpatients or via A&E are fitted with a wristband at reception to ensure they are correctly identified by every department.

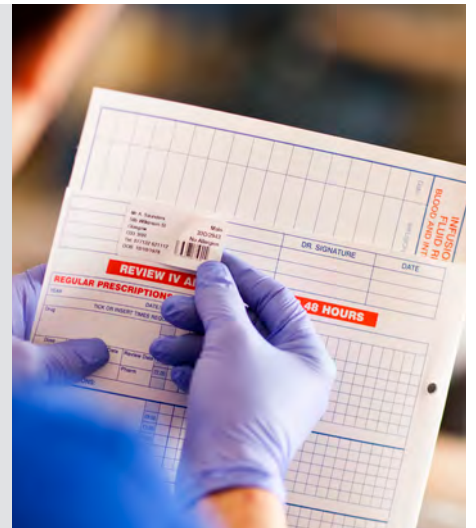
**Printing requirement:** Wristband  
**Machine:** TD-2000 series



## Patient file labelling

Labels applied to a patient's file can be kept up to date and accurate, reducing the risk of errors in identification.

**Printing requirement:** Up to 4-inch  
**Machine:** TD-2000 / TD-4000 series



# Clinical care

It is important for patients to be correctly identified at the bedside to ensure the right treatment is provided. The patient's wristband is scanned to ensure the blood type and surgical procedure is a complete match.

## Wristband printing

To ensure the correct care and medication is given to the patient, apply an up to date wristband at the bedside to positively identify them.

**Printing requirement:** Wristband  
**Machine:** TD-2000 series



## Blood bag labelling

4 inch labels are applied to the blood bag with a barcode containing all relevant details. This makes sure no errors can be made during the procedure.

**Printing requirement:** Up to 4-inch  
**Machine:** TD-4000 series



“

Not having a labelling solution is a big problem during the patient identification process.

”

*Clinical Quality Manager,  
France*



# Laboratory

If a patient requires a sample testing, it is crucial that errors are not made during the laboratory process. An inaccurately labelled sample can lead to further problems, resulting in an incorrect diagnosis and potentially harmful treatment.

## Blood sample labelling

The patient's wristband is scanned for positive ID. A blood sample is taken and the label is immediately printed and placed directly onto the sample tube.

**Printing requirement:** Up to 2-inch  
**Machine:** TD-2000 series



## Specimen sample

A patient's wristband is scanned to correctly identify them. A 2-4 inch label can be produced and applied to the sample at the point of care.

**Printing requirement:** Up to 4-inch  
**Machine:** TD-2000 / TD-4000 series



“

If we didn't have labels anymore the laboratory would stand still.

”

*Head of Hospital Laboratory,  
Germany*

# Pharmacy

It is important for pharmacists to have an efficient labelling solution which integrates seamlessly, reducing the risk of incorrect medication being prescribed. The portability of Brother devices enables a smoother workflow for the user.

## Medication labelling

Prescription for a patient is received electronically to the computer. Labels can then be applied to the bottle using up to 4 inch printing solutions.

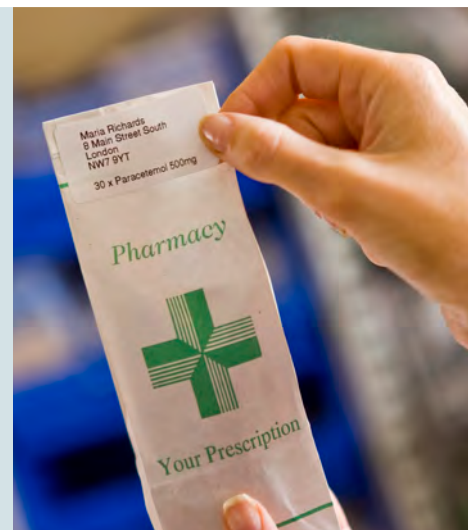
**Printing requirement:** Up to 4-inch  
**Machine:** TD-2000 / TD-4000 series



## Drug bag labelling

Pharmacists can print up to 4 inch labels and take advantage of the seamless integration with healthcare systems.

**Printing requirement:** Up to 4-inch  
**Machine:** TD-2000 / TD-4000 series



“

Without a labelling solution it would delay the process, it would be very frustrating for patients.

”

*Pharmacist, United Kingdom*

# Home healthcare

Some patients who are elderly or with limited mobility will be visited by a healthcare professional. In this instance, it is necessary to leave documentation of a patient's record or care plan.

## Patient care plan

Careworkers visiting patients can leave an updated care plan to ensure they know what steps to follow in their treatment.

**Printing requirement:** A4  
**Machine:** PJ-700 series



# TD-2000 series

Unlike standard direct thermal printers the TD-2000 series offers the performance features and media capacity of a desktop printer, but with the option to go completely portable.



### Spindle-less design for easy drop in roll

Simply drop in larger diameter rolls meaning less downtime for caregivers.



### Optional Wi-Fi and Bluetooth connectivity\*

Hassle-free communication with a wide variety of mobile devices.



### Prints both wristbands and labels

Fast, reliable and accurate face-up printing from one device to optimise patient identification processes.



### Wired ethernet and USB as standard\*

Easily connect to multiple devices using the integrated wired ethernet which enables operational efficiency within the hospital.



### Compact footprint

Fits easily on hospital carts or crowded desktops.



### Portable long life Li-ion battery\*

Go completely portable to offer care where it's needed most. Also meaning expensive & cumbersome powered carts are not necessary.



\*Not available on TD-2020



brother

Name: Alex Bianchi  
DOB: 16/12/1987  
MRN: 475-086-3218  
Sex: M



# TrustSense™ media by PDC Healthcare\*



Thanks to TrustSense™ smart technology, the TD-2130NHC offers you the chance to cut costs and double the output of leading competitors by being able to print both wristbands and labels from the same machine.

A simple one-touch adjustment allows for the quick and easy installation of the different media types, while the sensor automatically calibrates itself to verify media size and type - taking the guesswork out of printing, whatever media type you're working with. It has impressive media capacity too, having been designed to take roll media up to 127mm in diameter.

## Superior quality and performance

- Provides consistently accurate scan rates for positive patient ID.
- Designed to meet specific environmental requirements (NICU, laboratory, long-term care, etc.).
- High quality, durable material to stand the test of time and maintain effectiveness for longer than the average patient stay.
- Wide selection of wristband and label sizes available to meet your needs.

17% of mistakes in blood administration in Germany over a four-year period were down to patient identification errors, 4 leading in the worst cases to patients receiving the wrong blood transfusions.

<https://www.karger.com/Article/PDF/453320>



In 2018 a hospital in Kenya hit the headlines when a man underwent brain surgery that had been planned for another patient – the error was blamed on a mix-up of identification tags. Fortunately both patients recovered, but four members of hospital staff were suspended prompting an investigation into how the fault could have happened.

<https://www.bbc.co.uk/news/world-africa-43255648>

A UK government commissioned study has revealed that an estimated 237 million medication errors occur in the NHS in England every year, and avoidable adverse drug reactions (ADRs) cause hundreds of deaths.

<http://www.eepru.org.uk/prevalence-and-economic-burden-of-medication-errors-in-the-nhs-in-england-2/>



# TD-4000 series

High specification, high speed label printers for healthcare professionals that includes barcode label design software, built-in cutters and networking available on the TD-4100N.



### Powerful 'P-touch Editor'

Label design software helps healthcare professionals edit and amend labels at the point of care.



### Simple to operate

Easy to use which enhances clinical efficiency.



### Seamless integration

Print from a variety of patient management systems.



### Built-in cutter

No tear-bar required to attach to the device.



### Speed and efficiency

Fast 110 mm/second print speeds increases productivity for caregivers.



### Rolls

Accepts up to 4" / 102 mm wide labels.







VIN HENSON  
OCTOBER  
18:35

NAME: GAVIN HENSON  
DATE: 13 OCTOBER  
TIME: 18:35

NAME: GAVIN HENSON  
DATE: 13 OCTOBER  
TIME: 18:35

March 2008  
BNF  
57  
Mini  
Nurses  
September 2008  
BNF  
58

# TD-2000 and TD-4000 Series Specification

	TD-2020	TD-2120N	TD-2130N	TD-2130NHC	TD-4000	TD-4100N
	2 INCH				4 INCH	
<b>Printing</b>						
Print technology	Direct Thermal					
Print speed	152mm/sec				110mm/sec	
Resolution	203dpi		300dpi			
Max. print width	56mm				98.6mm	
Min. print length	6mm				25.4mm	
Max. print length	1000mm				3000mm	
Media sensor type	Gap (Transmissive), Bar (Reflective)				Gap (Transmissive)	
Media sensor location	Gap (Fixed), Reflective (Adjustable)				Gap (Fixed)	
Tear off release mode	✓	✓	✓	✓	Auto Cutter	
Trustsense media support				✓		
<b>Connectivity</b>						
USB	✓	✓	✓	✓	✓	✓
Serial (via adapter)*	✓	✓	✓	✓	✓	✓
Wired LAN		✓	✓	✓		✓
USB Host Port		✓	✓	✓		
Bluetooth (option)		✓	✓	✓		
Wireless LAN (option)		✓	✓	✓		
<b>General</b>						
Dimensions (mm)	110 (w) x 215 (d) x 172 (h)				73 (w) x 229 (d) x 158 (h)	
Weight	1.32kg	1.34kg			1.81kg	1.83kg
Control panel	3 button 2 LED				3 button 1 LED	
Touch Panel Display (option)		✓	✓	✓		
Operating system support	(Windows XP/ Vista 7/8/10), (Linux)	(Windows XP/ Vista 7/8/10) (Windows Server 2008/2008R2) (Windows Server 2012/2012R2), (Linux)			(Windows XP/ Vista 7/8/10), (Linux)	(Windows XP/ Vista 7/8/10) (Windows Server 2008/2008R2) (Windows Server 2012/2012R2), (Linux)
Supported commands	P-touch Template, ESC/P, Raster, ZPL II emulation				P-touch Template, ESC/P	

# TD-2000 and TD-4000 Series Optional Accessories

## Power and Additional Options

### PA-WI-001

TD-2000 Series only

#### Wi-Fi WLAN Interface

TD-2120N  
TD-2130N  
TD-2130NHC



### PA-BI-001

TD-2000 Series only

#### Bluetooth Interface

TD-2120N  
TD-2130N  
TD-2130NHC



### PA-SCA-001

TD-2000 Series only

#### Serial Adapter

TD-2020  
TD-2120N  
TD-2130N  
TD-2130NHC



### PA-TDU-001

TD-2000 Series only

#### Touch Panel Display

TD-2120N  
TD-2130N  
TD-2130NHC



### PA-BB-001

TD-2000 Series only

#### Battery Charging Unit\*

TD-2120N  
TD-2130N  
TD-2130NHC



\*Requires PA-BT-4000LI

### PA-BT-4000LI

TD-2000 Series only

#### Li-ion rechargeable Battery\*

TD-2120N  
TD-2130N  
TD-2130NHC



\*Requires PA-BB-001

### PA-LP-001

TD-2000 Series only

#### Label Peeler

TD-2120N  
TD-2130N



\*Not compatible with TD-2130NHC

## Media

### RD-S05E1

Complete TD-series

#### Die Cut Labels Roll\*

Label size: 51 mm x 26 mm  
Quantity: 1552 per roll  
Colour: white



### RD-S07E5

Complete TD-series

#### Continuous Receipt Roll\*

Size: 58 mm x 86 m  
Colour: white



### RD-S01E2

TD-4000 Series only

#### Continuous Receipt Roll\*

Size: 102 mm x 44.3 m  
Colour: white



### RD-S02E1

TD-4000 Series only

#### Die Cut Labels Roll\*

Label size: 102 mm x 152 mm  
Quantity: 278 per roll  
Colour: white



### RD-S03E1

TD-4000 Series only

#### Die Cut Labels Roll\*

Label size: 102 mm x 50 mm  
Quantity: 836 per roll  
Colour: white



### RD-S04E1

TD-4000 Series only

#### Die Cut Labels Roll\*

Label size: 76 mm x 26 mm  
Quantity: 1552 per roll  
Colour: white



## TrustSense™ media by PDC (for TD-2130NHC only)

### Wristband

#### Product code

#### Description

#### Size

#### Qty (wristbands)

8100-11-PDK	CompuBand® adult wristband direct thermal, clasp closure, white.	29.2 x 2.9	150
8101-11-PDK	CompuBand® adult/pediatric wristband direct thermal, clasp closure, white.	29.2 x 1.9	150
8102-11-PDK	Conf-Ident® pediatric wristband, direct thermal, clasp closure, white	26.6 x 2.5	150
8150-11-PDL	ScanBand® adult wristband direct thermal, adhesive closure, white.	29.2 x 2.5	200
8151-11-PDL	ScanBand® adult/pediatric wristband adhesive closure, white.	29.2 x 1.9	200
8185-11-PDL	Precision® infant wristband adhesive closure, white.	20.3 x 2.9	200
8195-11-PDO	TenderCare® Mother-infant wristband set, adhesive closure, white.	20.3 x 2.9	120

### Label

#### Product code

#### Description

#### Size

#### Qty

8100-11-PDK	CompuBand® adult wristband direct thermal, clasp closure, white.	29.2 x 2.9	150
8101-11-PDK	CompuBand® adult/pediatric wristband direct thermal, clasp closure, white.	29.2 x 1.9	150
8102-11-PDK	Conf-Ident® pediatric wristband, direct thermal, clasp closure, white	26.6 x 2.5	150
8150-11-PDL	ScanBand® adult wristband direct thermal, adhesive closure, white.	29.2 x 2.5	200
8151-11-PDL	ScanBand® adult/pediatric wristband adhesive closure, white.	29.2 x 1.9	200
8185-11-PDL	Precision® infant wristband adhesive closure, white.	20.3 x 2.9	200

# PJ-700 series

The smallest, most advanced A4 portable direct thermal printer on the market with all-inclusive mobile device support. Brother stock a range of carry case and in-vehicle solutions to help streamline paramedics' workflows.

## Reliable

### Direct thermal printing

Means no moving parts, ink spillages or issues associated with fast moving ambulances and extreme temperatures.

## Lightweight and portable

Paramedics and home healthcare workers can print A4 documents, on the move.

## Easy to use

With no ink or toner to change, its hassle free and easy to manage.



## Compatibility

Works with a wide range of host devices and healthcare systems.

## Customisable

Brother provide a range of in-vehicle solutions so the device can be mounted in the ambulance or in a carry case.

## Easy to integrate

Simple to integrate with existing systems using Brother free software development kits.



# PJ-700 Series Specification

	PJ-722	PJ-723	PJ-762	PJ-763	PJ-763MFI	PJ-773
<b>A4/A5 FULL PAGE</b>						
<b>Printing</b>						
Print technology	Direct Thermal					
Print speed	Up to 8 pages per minute					
Resolution	203dpi	300dpi	203dpi	300dpi	300dpi	
Max. print width(s)	204.2mm	208.8mm	204.2mm	208.8mm		
<b>Connectivity</b>						
USB	✓	✓	✓	✓	✓	✓
Wireless LAN						✓
Bluetooth			✓	✓	✓	
AirPrint						✓
MFi					✓	
<b>General</b>						
Dimensions in mm	255W x 55D x 30H					
Weight (exc. battery)	480g (approx)					
Battery (optional)	Rechargeable Li-ion Battery 10.8 V					
AC Adapter (optional)	AC adapter 15 V					
Car Adapter (optional)	Cigarette lighter plug or permanently wired					
Operating System Support	Operating system support (Windows Vista 7/8/8.1/10) (Windows Server 2008/2008R2) (Windows Server 2012/2012R2) (Mac OSX v 10.8/10.9/10/10) (Linux)					
Mobile OS	Android - USB	Android			Android/iOS	
Supported Commands	P-touch Template, Raster, Brother ESC/P					

\*Approx. 600 sheets per full battery charge.

# PJ-700 Series Optional Accessories

## Power

### PA-BT-002

Complete  
PJ Series  
**Li-ion  
rechargeable  
Battery**  
Entire PJ Range



### PA-AD-600EU

Complete  
PJ Series  
**AC Adapter (EU)**  
Entire PJ Range



### PA-AD-600UK

Complete  
PJ Series  
**AC Adapter (UK)**  
Entire PJ Range



### PA-CD-600CG

Complete  
PJ Series  
**12V Car Adapter  
(cigarette socket)**  
Entire RJ Range



### PA-CD-600WR

Complete  
RJ Series  
**12V Car Adapter  
(permanently  
wired)**  
Entire PJ Range



## Additional Options

### PA-RH-600

Complete  
PJ Series  
**Paper Roll Holder**  
Entire PJ Range



### PA-RB-001

Complete  
PJ Series  
**Protective Rubber  
Case**  
Entire PJ Range



### PA-RC-001

Complete  
PJ Series  
**Paper Roll Case**  
Entire PJ Range



### PA-CC-500

Complete  
PJ Series  
**Carry Case**  
Entire PJ Range



### PA-CM-500

Complete  
PJ Series  
**Car Mounting Kit**  
Entire PJ Range



## Media Options

### PA-R-411

Complete  
PJ Series  
**A4 Thermal Paper  
Roll**  
Size: A4  
Colour: white  
Amount: Equivalent  
to 100 A4 sheets  
(approx.)



### PA-C-411

Complete  
PJ Series  
**A4 Thermal Paper**  
Label Size: A4  
Colour: white  
Amount: 100  
sheets



# brother

at your side

Contact:

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