

Portable Printers

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Portable Printer Comparison Guide

Use the following comparison guide to quickly see which printer best fits your application needs. Then turn to the following pages to find out more about each printer, compatible materials and print ribbons.



BMP®21-PLUS Label Printer
See page 290



BMP®41 Label Printer
See page 294



BMP®53 Label Printer
See page 300

Printer Specifications	BMP®21-PLUS Label Printer	BMP®41 Label Printer	BMP®53 Label Printer
Max Labels Per Day	Average 100 labels/day	Average 250 labels/day	Average 500 labels/day
Print Resolution	203 dpi	300 dpi	300 dpi
Print Technology	Thermal transfer	Thermal transfer	Thermal Transfer
Print Speed	10mm/sec (0.4 in/sec)	133mm/sec (1.3in/sec)	25.4mm/sec (1/sec)
Tape Widths (inches)	Various sizes from 0.250" to 0.750"	Various sizes from 0.235" to 1.0"	Various sizes from 0.235" to 1.50"
Tape Widths (mm)	Various sizes from 6.4 mm to 19.1 mm	Various sizes from 5.969 mm to 25.4 mm	Various sizes from 6.4 mm to 38.1 mm
Max Label Width	0.75" (19.1 mm)	1.00" (25.4mm)	1.50" (38.1mm)
Max Print Width	0.63" (16 mm)	0.96" (24.4 mm)	1.44" (36.6 mm)
Memory	16MB, 10 Labels (2MB available for storage)	48 MB / Up to 25,000 Labels	48 MB / Up to 25,000 Labels
Materials Supported	M21- Series Cartridges 70+ Stock Parts	M-, MC-, MC1- Series Cartridges (1.00" and 0.75" height only) 100+ Stock Parts	M-, MC-, MC1- Series Cartridges (all sizes) 140+ Stock Parts
Continuous vs Die Cut Labels	Continuous Labels Only	Continuous and die cut labels	Continuous and die cut labels
Connectivity Options	Not Applicable	Yes	Yes
PC Connectivity	No	USB	USB, WiFi, LAN
Software Compatibility	No	Optional through USB	LabelMark® / CodeSoft™ Software
File Transfer from PC to printer	No	Yes - with Labelmark® Software	Yes, with Labelmark® Software
Wireless Connectivity	No	No	Yes
Stand Alone Printing	Yes	Yes	No
Color Capability	Single print color on a label	Single print color on a label	Single print color on a label
Keyboard	ABC or Cyrillic	QWERTY	Not Applicable
Backlit Screen	2" x 1", user adjustable backlit	2.5" x 1.4", user adjustable backlit	Not Applicable
Text Sizes	6-40 pt with Autosizing	4 to 103pt + autosizing	4 to 103pt + autosizing
Multi-Line Print	Yes	Yes	Yes
Print Rotation	No	Yes	Yes
Serialization	Yes	Yes	Yes
Barcode	39 and 128	39 and 128	39 and 128
Symbols Categories	104	450	450
Portability	Yes	Yes	Yes
Label Types or Application Functions	PermaSleeve® Heat Shrink Tubing, Permanent Polyester, Self-laminating Vinyl, Clear Polyester, High Performance Polyester, Nylon Cloth, Indoor/Outdoor Vinyl, Polypropylene	Adhesive Polyester, PermaSleeve® Heat Shrink Tubing, Polypropylene Tags, Self-laminating Vinyl, Metalized Polyester Ultra Aggressive Polyester, Repositional Vinyl Cloth, Nylon Cloth, Reflective Tape, Indoor/Outdoor Vinyl,	Polyester, Polyethylene Tag, Permasleeve® Heat Shrinking Tube, Tamper-Evident Vinyl, Polypropylene Tag, Permanent Polypropylene, Self-Laminating vinyl, Metalized Polyester, Self-Laminating Polyester, Staingerbondz™ Labels, Tissue Cassette Polyester, Ultra aggressive Polyester, High Performance Polyester, Freezerbondz™ Labels, Repositionable Vinyl Cloth, Reflective Tap, Indoor/Outdoor Vinyl
Applications	Basic labels for Wire and Cable ID, Datacomm and AV Labeling, Inside-panel Component Labeling, and General Industrial Labels for Maintenance, Production and Visual Workplace/Lean 5S.	Basic and Die Cut labels for Wire and Cable ID, Datacomm and AV labeling, Electrical ID, Panel ID, Product ID, Facility ID, Safety and Maintenance, General ID	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Laboratory Identification, Panel Identification, Security Identification, Wire & Cable Marking
Power Supply	6 AA batteries, AC adapters: US 110V, UK 240V, Europe 220V, or Lithium Ion Rechargeable Battery	AC Power, rechargeable NiMH battery	AA Alkaline batteries (8), AC Power, or rechargeable lithium ion battery
Weight	1.66 lbs (0.75 kg)	2.6 lbs (1.2 kg)	2.6 lbs (1.2 kg)
Warranty	2 years	2 years	2 years

* Test 3rd party software integration for intended application prior to purchase. Windows® is a registered trademark of Microsoft Corporation.

BMP®21-PLUS Label Printer

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Portable Printers



BMP®21-PLUS LABEL PRINTER

TOUGH on the Outside. SMART on the Inside.

- Automatic-label formatting for wire wraps, patch panels, terminal-blocks, cable flags, circuit breaker arrays and general banner labels
- Drop-lock-and-print materials
- Passed shock and vibration testing per MIL-STD-810G Method 5.16.6 S4.6.5
- Rechargeable Li-ION battery
- Continuous-only supplies in 0.25" to 0.75" widths
- 70 total label parts, 7 materials
- Label grabber holds label after cutting
- 104 symbols for electric, smart home, safety and datacom
- 2-year warranty



BMP21-PLUS Printer Kit shown.

BMP®21-PLUS Printer Specifications

Max Labels Per Day	Average 100 labels/day
Print Resolution	203 dpi
Print Technology	Thermal transfer
Print Speed	10mm/sec (0.4 in/sec)
Tape Widths (inches)	Various sizes from 0.250" to 0.750"
Tape Widths (mm)	Various sizes from 6.4 mm to 19.1 mm
Max Label Width	0.75" (19.1 mm)
Max Print Width	0.63" (16 mm)
Memory	16MB, 10 Labels (2MB available for storage)
Materials Supported	M21- Series Cartridges 70+ Stock Parts
Continuous vs Die Cut Labels	Continuous Only
Connectivity Options	Not Applicable
PC Connectivity	No
Software Compatibility	No
File Transfer from PC to printer	No
Wireless Connectivity	No
Stand Alone Printing	Yes
Color Capability	Single print color on a label
Keyboard	ABC or Cyrillic
Backlit Screen	2" x 1", user adjustable backlit
Text Sizes	6-40 pt with Autosizing
Multi-Line Print	Yes
Print Rotation	No
Serialization	Yes
Barcode	39 and 128
Symbols Categories	104
Portability	Yes
Label Types or Application Functions	PermaSleeve® Heat Shrink Tubing, Permanent Polyester, Self-laminating Vinyl, Clear Polyester, High Performance Polyester, Nylon Cloth, Indoor/Outdoor Vinyl, Polypropylene
Applications	Basic labels for Wire and Cable ID, Datacomm and AV labeling, Inside-panel Component Labeling, and General Industrial Labels for Maintenance, Production and Visual Workplace/Lean 5S.
Power Supply	6 AA batteries, AC adapters: US 110V, UK 240V, Europe 220V, or Lithium Ion Rechargeable Battery
Weight	1.66 lbs (0.75 kg)
Warranty	2 years

▶ Online Video!
Visit BradyID.com/bmp21plus to watch the printer video or request a printer demo.

Your Complete Printing Solution:
BMP®21-PLUS cartridges with label and print ribbon page 291

BMP®21-PLUS Label Printer & Accessories

Catalog #	Description
BMP21-PLUS	BMP21 Label Printer*
BMP21-PLUS-KIT1	BMP21 Label Printer Kit**
BMP21-MAGNET	Magnet Only Accessory
BMP21-TOOL	Multi-functional Tool Accessory (magnet / flashlight / retractable stand)
M-AC-110937	AC Power Adapter / Charger
BMP21-PLUS-BATT	Li-ION Battery Pack
BMP21-PLUS-HC	Hard Case

* Printer includes label cartridge, lanyard and quick start guide (batteries not included).

** Printer kit includes: printer, label cartridge, Li-ION battery, AC power / charger, hard case, lanyard and quick start guide.

US Patent No. 8.322.936.

An affordable label and wire marker designed for the tool box



Electrical Labeling



Voice & Data Communications



Self-Laminating Wire Labels



PermaSleeve® Wire Marking Sleeves



General ID



Lean / 5S Labels and Operations ID