Portable Printers Comparison Guide

	BMP®21-LAB Printer	BMP®21-PLUS Printer	BMP®41 Label Printer	BMP®51 Label Printer	BMP®61 Label Printer	BMP®71 Label Printer
Positioning						
Positioning	Basic labels on continuous supply for Laboratory ID including vials, tubes, slides, plates, bottles and labels for lab equipment, storage shelves, drawers, bins, Cryo, deep freezer and autoclave labels. 19.05mm max width.	Basic labels on continuous supply for wires & cables, panels, datacomm, as well as misc industrial labels in operations, maintenance and production areas. 19.05mm max width.	Labels with more advanced text & formatting on die cut and continuous supplies for wires & cables, electrical & automation panels and datacomm, as well as misc industrial labels in operations, maintenance and production areas. 25.4mm max width.	Labels with more advanced text & formatting on die cut and continuous supplies for wires & cables, electrical & automation panels and datacomm, as well as misc industrial labels in operations, maintenance and production areas. 38.1mm max width.	Higher volumes of labels with more advanced text & formatting on die-cut and continuous supplies for wire & cable, electrical & automation panels, datacomm and general ID. Features a colour touch screen, QWERTY keyboard, USB connectivity, WiFi, list management. 50.8mm max width.	Higher volumes of labels with more advanced text & formatting on die cut and continuous supplies for wires & cables, electrical & automation panels and datacomm, as well as misc industrial labels in operations, maintenance and production areas. 50.8mm max width.
Printer Specifications						
Print Speed	10.16mm/sec	10.16mm/sec	33.02mm/sec	30mm/sec (w/AC Adapter)	33.8mm/sec	38.1mm/sec
Print & Colour Capabilities	Thermal Transfer / Monochrome	Thermal Transfer / Monochrome	Thermal Transfer / Monochrome	Thermal Transfer / Monochrome	Thermal Transfer / Monochrome	Thermal Transfer / Monochrome
Print Resolution	203 dpi	203 dpi	300 dpi	300 dpi	300 dpi	300 dpi
PC Compatibility or Stand Alone	Stand alone	Stand alone	Stand alone & PC connect	Stand alone & PC connect	Stand alone & PC connect	Stand alone & PC connect
Connectivity Options	none	none	USB	USB/WIFI (field installable)	USB/WIFI (factory installed)	USB
Software Compatibility	none	none	LabelMark™ Software	LabelMark™, Brady Mobile Apps	Brady Workstation Labelmark™ (6.0 or higher) Brady Mobile Apps	LabelMark™ Software
Power Supply Options	Li-ION rechargeable battery, 6AA, AC adapter	Li-ION rechargeable battery, 6AA, AC adapter	NiMH rechargeable battery, AC adapter	Li-ION rechargeable battery, 8AA, AC adapter	Rechargable NiMH battery, AC Power/battery changer	NiMH battery, AC adapter
Standard Warranty	2 years	2 years	2 years	2 years	2 years	2 years
Dimensions (W x H x D) (mm)	114.3 x 241.3 x 63.5mm	114.3 x 241.3 x 63.5mm	152.4 x 292.1 x 91.44mm	152.4 x 261.6 x 91.4mm	328.4 x 107.2 x 106.4mm	241.3 x 330.2 x 116.8mm
Weight	0.47kg (w/o tape, batteries)	0.47kg (w/o tape, batteries)	0.95kg (w/o tape, batteries)	1.18kg (w/o tape, batteries)	1.12kg (w/o tape, batteries)	2.22kg (w/o tape, batteries)
Print Features						
Screen Size	3 lines x 14 characters	3 lines x 14 characters	13 lines x 36 characters	13 lines x 36 characters	LCD, Colour, 71.12mm QVGA	LCD, Colour, 91.4mm QVGA
Back Lit Screen	Yes	Yes	Yes	Yes	Yes	Yes
Keyboard Style	ABC	ABC	QWERTY	QWERTY	QWERTY	QWERTY
Max Print Width	19.05mm	19.05mm	25.4mm	25.4mm	48.77mm	48.7mm
Font Types Available	1	1	2	14	2	2
Font Sizes (points)	Auto, 6, 9, 14, 20, 28, 40	Auto, 6, 9, 14, 20, 28, 40	Custom, Auto, 4, 6, 7, 9, 10, 13, 14, 16, 20, 26, 28, 32, 38, 40, 42, 45, 51, 55, 60, 65	Custom, Auto, 4, 6, 7, 9, 10, 13, 14, 16, 20, 26, 28, 32, 38, 40, 42, 45, 51, 55, 60, 65, 70, 76, 102	4 thru 174, auto-sizing	4 thru 174, auto-sizing
Multi-Line Label Capabilities	4	4	25	32	25	25
Label Print Rotation	Yes	Yes	Yes	Yes	Yes	Yes
Data Serialisation	Alphanumeric	Alphanumeric	Yes, multiple and linked	Yes, multiple and linked	Yes, multiple and linked	Yes, multiple and linked
Barcode Capabilities & Types	Code 39, Code 128	Code 39, Code 128	Code 39, Code 128 and more using LabelMark™ software	Code 39, Code 128 and more using LabelMark™ software	Code 39, Code 128 and more using LabelMark™ software	Code 39, Code 128 and more using LabelMark™ software
Memory Capacity	10 files up to 2MB	10 files up to 2MB	25,000 characters up to 48 MB	25,000 characters up to 48 MB	512 MB RAM / 256 MB Flash	200 MB
Data Transfer from PC to Printer	No	No	Yes	Yes	Yes	Yes
Print Preview	No	No	Yes	Yes	Yes	Yes
Symbols Available	51	104	450	450	450	500+

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Label Supply Characteristics						
Label/Ribbon Supply	Cartridge	Cartridge	Cartridge	Cartridge	Label & Ribbon in separate cartridges	Label & Ribbon in separate cartridges
Material Formats Supported	Continuous labels only	Continuous labels only	Continuous & Die Cut Labels	Continuous & Die Cut Labels	Continuous, Die Cut Labels & Custom	Continuous, Die Cut Labels & Custom
Media Width	6.35mm - 19.05mm	6.35mm - 19.05mm	6.35mm - 25.4mm	6.35mm - 38.1mm	6.35mm - 50.8mm	6.35mm - 50.8mm
Types of Materials	10-yr Outdoor Vinyl, Cryo Polyester, Cryo Polypropylene, Slide & Staining Polyester, Nylon Cloth Labels, Self-Laminating, Straw ID, Standard Polyester	10-yr Outdoor Vinyl, Nylon Cloth Wire ID, Heat Shrink Wire ID, Self-Laminating Wire ID, Standard Polyester, Chemical Resistant Polyester	10-yr Outdoor Vinyl, Nylon Cloth Wire ID, Heat Shrink Wire ID, Self-Laminating Wire ID, Removable Cloth Wire ID, Standard Polyester, Aggressive Adhesive Polyester (2), Metallised Polyester, Non-Adhesive Tag, Outdoor Reflective	10-yr Outdoor Vinyl, Nylon Cloth Wire ID, Heat Shrink Wire ID, Self-Laminating Wire ID, Removable Cloth Wire ID, Datacomm Cable Tags (3), Standard Polyester, Aggressive Adhesive Polyester, Metallised Polyester, Non-Adhesive Tag, Outdoor Reflective	General Purpose Industrial Vinyl, Heat Shrink Wire ID, Self-Laminating Wire ID, Removable Cloth Wire ID, Datacomm Cable Tags (3), Standard Polyester (4), Aggressive Adhesive Polyester (2), Metallised Polyester (3), Non-adhesive Tag, Polyimide/Electronics Materials (6), Tamper Resistant Materials (6), Raised Panel Labels (engraved plate alternative), Durasleeve	10-yr Outdoor Vinyl, Nylon Cloth Wire ID, Heat Shrink Wire ID, Self-Laminating Wire ID, Removable Cloth Wire ID, Tedlar Wire ID, Datacomm Cable Tags (3), Standard Polyester (4), Aggressive Adhesive Polyester (2), Metallised Polyester (3), Non-Adhesive Tag, Polyimide/Electronics materials (6), Tamper Resistant Materials (6), Outdoor Reflective, Glow-in-the-dark, ToughStripe Floor Tape, Toughwash (2), Repositionable Vinyl, Raised Panel Labels (engraved plate alternative), Durasleeve
Quantity of Label Parts Available	62	70+	100+	200+	600+	1000+, and customs
Cartridge Series	M21- series, IDPal and LabPal series	M21- series, IDPal and LabPal series	M-series (except parts over 25.4mm wide)	M-series	BPTL, BPTDS, BPSPT, BPTLTB, PTL, PSHT, PTLEP, PTS, PTLFP, PSPT, PTPSL, PSFR, PTPS, PTLSL, BM71, BM61, M61, M61C, Custom available	M71 series, PTL series with adapter BM71, MBulk, (TLS2200 labels but not ribbons)