EPSON®

TM-L90

2-colour, thermal label printer for retail and e-tail

If you need a quick and reliable label printer, Epson's TM-L90 is the perfect solution. With two versions available - including a peeler option - the TM-L90 is the fastest in its class, delivering sophisticated graphics and barcodes with an extra dimension; 2-colour thermal printing.

Integrating easily with your existing retail systems, the compact TM-L90 series is ideal for a host of in-store and back office applications throughout retail and the supply chain. With remarkable speed and performance, you can print labels on-demand to improve maximum productivity and efficiency.

Performance and practicality
Whether you need an address label with a two-dimensional barcode to track deliveries from the stockroom to their destination; or a sharp, eye-catching colour label which will really make an impact on customers, the TM-L90 series is an invaluable asset to your business.

Offering fast, thermal printing at 150 millimetres per second to ensure smooth, instant results - it's ideal for supermarket service counters, or pharmacy labels, as well as simple address labels or price markdowns. If you require something more sophisticated, the TM-L90 series can also produce complex, high-resolution colour text and graphics at 100 millimetres per second.

Advanced and easy-to use
Printing text and graphics in red or blue, the TM-L90 series includes practical design features such as drop-in paper load, selectable auto-cutter and jam-proof paper feeding ensure smooth operation, while easily accessible operator covers enable trouble-free maintenance. In addition, the TM-L90 Peeler includes a peeler mechanism, ideal for batch labelling and back office operations, to speed up workflow.

Reliable and efficient
The TM-L90 series is also extremely dependable, with a MCBF (Mean Characters Before Failure) rate of 70 million. Plus, its excellent cable management system prevents accidental disconnection while in use.

And, for even more peace of mind, we offer CoverPlus, our advanced extended warranty service. Providing free access to technical support, as well as a repair and replacement facility, CoverPlus extends the one year back-to-base guarantee on all of our point of sale printers to give three years protection. Low risk and low cost, Coverplus enables your business to be fully operational at all times and helps you to avoid costly downtime.

Versatile and adaptable
Altogether, the TM-L90 label printer series is one of the most efficient for the retail sector: it accepts large diameter paper rolls (up to 90 millimetres in diameter); you can select one of three paper width options to produce labels in different sizes; and the decreased print margins help to reduce wastage.

The TM-L90 series benefits from Windows and OPoS drivers and a wide range of interface options, including a high speed serial interface, as well as USB and Ethernet connectivity, which enable the printer to be operated as a network device, eliminating the need for extra PC hardware.

In addition, the space-saving design and stylish appearance (in cool white or dark grey) fits neatly into any retail environment. The product can also be wall-mounted.

TM-L90

Print method	Thermal line printing
Print resolution	203 x 203 dpi
2-colour printing	Red and Black (special paper), Blue and Black (special paper)

Print fonts (True type)	Font A 12(W) x 24(H) mm
	Font B 9(W) x 17(H) mm
Column capacity	48 / 64
Character size (mm)	1.1(w)x2.1(h) / 1.5(w)x3(h)
Character set	95 Alphanumeric
	37 International
	128 x 11 graphic
Print Width	32 - 72 mm

Barcodes	9 one-dimensional, 3 two-dimensional

Print speed	150mm / sec

Internal buffer	
Data buffer	4K or 45 Bytes selectable

NV RAM	192KB

Interfaces	RS-232, RS-485, Parallel, USB, Ethernet, IEEE 802.11b

Paper specification	
Dimensions	37.5 ± 0.5mm x 90mm, 59.5 ± 0.5mm x 90mm or 79.5 ± 0.5mm x 90mm

Paper handling	
Paper roll	Drop in
Auto cutter	Full or partial cut
Sensors	Paper end and Paper near end

Current consumption	1.7A (mean)

Power supply	External PS-180

D.K.D Function	2 drivers in 1 port

Reliability	
MTBF	36×10^4 hours
MCBF	70×10^6 lines

Operating temperature	5° to 45° C

Overall dimensions	140(w) x 148(d) x 203(h)mm

Mass	Approx. 1.9kg

Case options	
Colour	Epson Cool White, Epson Dark Grey
	Wall mounted installation

EMC standard	VCCI class A, FCC class A, CE marking, Canada EMI, AS / NZS 3548 Class B

Safety standard	UL/CSA, TUV (EN60950)

203 mm

148 mm

140 mm

For further information on current promotions or Epson RTD products
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