

Epson

# TM-L90 Liner-free Compatible Label Printer



- Cost-effective liner-free label printing for QSRs and food service
- For use with NCR Receipt on Label (RoL) liner-free adhesive labels or thermal receipt media
- Fast printing speeds of up to 170mm/second
- Top margin reduction can reduce label length by 5% or more reducing media costs
- Automatic media type and paper width detection
- Low power consumption
- One-year limited warranty

Epson's TM-L90 liner-free compatible label printer offers fast, cost-effective, liner-free label printing for food service where adhesive labels can help improve efficiency, order accuracy and customer satisfaction.

#### Ideal for QSRs and food service

The TM-L90 liner-free compatible label printer is ideal for food service applications where speed of service and order accuracy are critical to reducing operating costs and improving customer satisfaction. It also can be used as a standard thermal receipt printer when needed.

#### All the features you need

The TM-L90 liner-free label printer delivers all the features you need to print "stay stuck" labels quickly and easily. It prints labels at a speed of up to 90mm per second and receipts up to 170mm per second at a crisp 203 x 203 dpi, supports variable length label output, and accepts label and receipt rolls up to 4" in diameter.

#### Reduces material costs & waste

Epson's TM-L90 liner-free label printer features top margin reduction that can reduce the length of each label by 5% or more.

And because the labels are liner-free it also eliminates the potential safety hazards and waste created by liners used on standard labels.

#### Liner-free, receipt label media

The TM-L90 liner-free label printer was designed specifically for use with NCR's Receipt on Label (RoL) media. Tested extensively in demanding food service environments, NCR's RoL media has proven to be highly reliable and food safe.

#### Integration is easy

The TM-L90 liner-free label printer supports multiple interfaces including serial, parallel, Ethernet, USB and wireless and is compatible with all major systems.

#### Backed by the leader

The TM-L90 liner-free compatible label printer is backed by Epson's industry-leading service and support programs and comes with a one-year limited warranty.

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## TM-L90 Specifications

<b>General</b>	Print method	Thermal line
	Print resolution	203 x 203 dpi
	Print font	
	Font (A/B)	<b>40mm:</b> 12 x 24, 7 x 17 / 9 x 17, 7 x 17 <b>80mm:</b> TM-T88 compatible mode 13 x 24 / 10 x 17; TM-L90 compatible mode 12 x 24 / 9 x 17
	Column capacity	64/48 columns
	Character size	1.13(W) x 2.13(H)/1.5(W) x 3.0(H)/1.0(W) x 2.0(H)mm
	Character set	95 Alphanumeric, 37 International, 128 x 11 Graphic
	Barcode	UPC-A, UPC-E, JAN8 (EAN), JAN13 (EAN), ITF, CODE39, CODE93, CODE128, CODABAR, PDF417, MAXICODE, QR CODE
	Operating systems	Microsoft® Windows® 7, Vista, XP
	<b>Printer</b>	Interfaces
Data buffer		4K or 45 bytes
Media thickness		2 mil to 8 mil, depending on media type
Print speed		170mm/second (thermal receipt); 90mm/second (label media)
Paper width		40mm or 80mm
Paper diameter		4" (102mm)
Power		24 VDC ± 7%
Power consumption		Approx. 1.7A (mean)
D.K.D. function		2 drawers
Reliability		
MTBF		360,000 hours
MCBF		70 million lines (receipts), 35 million lines (labels)
Autocutter		2 million cuts (receipts), 1 million cuts (labels)
Overall dimensions		203(H) x 140(W) x 148(D)mm (8.0" x 5.5" x 5.8")
Mass		Approx. 1.9 kg (4.18 lbs)
Color		Epson Dark Gray
Environmental standards		WEEE, RoHS compliant
Factory options	PS-180 AC adaptor, paper roll spacer	
<b>Control Board</b>	EMI standards	VCCI class A, CE marking, Canada EMI, AS/NZS 3548
	Safety standards	UL, CSA, TÜV (EN60950)
	Font emulation	TM-T88 series (180 dpi), Ithaca (203 dpi) font emulation available

*Inch values are approximate.*

*dpi: dots per 25.4mm (dots per inch)*

*cpi: characters per 25.4mm (characters per inch)*

*lps: lines per second*



UnifiedPOS



RoHS