EPSON® TM-L90

Liner-free Compatible Label Printer

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.

- Cost-effective liner-free label printing for QSRs and food service
- Uses NCR Sticky Media™ liner-free adhesive labels
- Fast printing speeds of up to 170mm/second
- Top margin reduction can reduce label length by 5% or more
- Automatic media type and paper width detection
- Low power consumption

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 thermal receipt printer when needed.

All the features you need

The TM-L90 liner-free label printer has all the features you need to print "stay stuck" labels quickly and easily. It prints labels at speeds up to 90mm per second and receipts up to 170mm per second at a crisp 203 x 203 dpi. It also supports variable length label output, and accepts 40mm or 80mm label and receipt rolls that are 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 label media

The TM-L90 liner-free label printer was designed specifically for use with the NCR Sticky Media™. Tested extensively in demanding food service environments, NCR Sticky 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 POS systems.

Features Epson reliability

With an MCBF of 70 million lines for receipts and 35 million lines for labels, plus a MTBF of 360,000 hours, the TM-L90 delivers the reliability customers expect from Epson.

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.

EPSON®
EXCEED YOUR VISION

All the features you need

- Cost-effective liner-free label printing for QSRs and food service
- For use with NCR Sticky Media™ liner-free adhesive labels or thermal receipt printing
- Fast printing speeds up to 90mm/sec for labels and 170mm/sec for receipts
- Top margin reduction reduces media usage and waste
- Low power consumption
- One-year limited warranty

Printer

Print method	Thermal line printing
Print speed	170mm/sec (thermal receipt); 90mm/sec (label media)
Print resolution	203 x 203 dpi
Print font	
Font (A/B)	**40mm**: 12 x 24, 7 x 17 / 9 x 17, 7 x 17
	80mm: 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 x 2.13 / 1.5 x 3.0 / 1.0 x 2.0mm (W x H)
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
Paper width	40mm or 80mm
Paper diameter	4" (102mm)
Media thickness	2 mil to 8 mil, depending on media type
Reliability	
MTBF	360,000 hours
MCBF	70 million lines (receipts), 35 million lines (labels)
Autocutter	2 million cuts (receipts), 1 million cuts (labels)

General information

Interfaces	Universal Interface Board (UIB); provides access to connections for Serial, Parallel, USB, Ethernet, Powered USB, Wireless
Data buffer	4K or 45 bytes
Power	24 VDC±7%
Power consumption	Approx. 1.7A (mean)
D.K.D. function	2 drawers
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 (EDG), Epson Cool White (ECW)
Factory options	PS-180 AC adaptor, paper roll spacer
Operating systems	Microsoft® Windows® 7, Vista, XP
Environmental standards	WEEE, RoHS compliant
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
Warranty	One-year limited warranty

5.8"
8.0"
5.5"

Inch values are approximate
dpi: dots per 25.4mm (dots per inch)
cpi: characters per 25.4mm (characters per inch)
lps: lines per second

Ordering information*

Product	Features	Model Number
TM-L90-E03	Ethernet, EDG**	C31C412A8461
TM-L90-P02	Parallel, EDG**	C31C414A8931
TM-L90-S01	Serial RS232, EDG**	C31C414A8911
TM-L90-U04	Powered USB, EDG**	C31C414A8891
TM-L90	ECW, No UIB Interface**	C31C412601
	NCR Sticky Media™, 40mm***	9023-1055
	NCR Sticky Media™, 80mm***	9023-0839

*Contact your Epson representative for additional models.

**Includes AC adapter (PS-180-343)

***For NCR Sticky Media™, visit http://www.ncr.com

Packaging specifications

Single box dimensions (L x W x H) 10.11" x 7.59" x 9.48"/257 x 193 x 241 (mm)
Units per pallet: AIR 6 units per layer, 5 layers = 30 units (pallet weight = 339kg)
Units per pallet: OCEAN 6 units per layer, 7 layers = 42 units (pallet weight = 466kg)

ISO 9001 Registered   *Unified*POS   CERTIFIED HI-SPEED USB   RoHS

EPSON®
EXCEED YOUR VISION

pos.epson.com/foodservice