EPSON®
EXCEED YOUR VISION

TM-L90 Plus LFC
Liner-free Compatible Label Printer

Cost-effective, liner-free label printing for QSRs and food service.

Compatible — uses Epson-tested, liner-free adhesive labels

Efficient — improves order accuracy and customer satisfaction

Flexible — one printer for both liner-free labeling and receipt printing

Convenient — dual interfaces include built-in USB for flexible connectivity

Fast — print speeds of up to 170 mm/sec

Cost-effective — enhanced print options reduce paper usage up to 30 percent

Versatile — 40, 58 and 80 mm print width support options

Smart — automatically detects media type and paper width

Energy-efficient — reduced power consumption

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Printer

Print Method Thermal line printing

Print Speed 170 mm/sec (thermal receipt); 90 mm/sec (label media)

Print Resolution 203 x 203 dpi

Print Font Font (A/B)

40 mm: 12 x 24, 7 x 17 / 9 x 17, 7 x 17

58 mm: 13 x 24, 10 x 17 / 10 x 17, 7 x 17

80 mm: 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 2.0 mm (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

Reliability
MTBF: 360,000 hours
MCBF: 70 million lines (receipts), 35 million lines (labels)
Autocutter: 2 million cuts (receipts), 1 million cuts (labels)

Media

Paper Width 40 mm, 58 mm, 80 mm

Paper Diameter 4" (102 mm)

Media Thickness 2 mil to 8 mil, depending on media type

General Information

Interface Built-in USB interface + another selection; serial RS-232c, parallel IEEE-1284, 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

Color Epson Dark Gray, Epson Cool White

Factory Options PS-180 AC adapter, paper roll spacer, wall-hanging bracket WH-10

Environmental Standards WEEE, RoHS compliant

EMI Standards VCCI class A, FCC/ICES-003 Class A, CE marking, Canada EMI, AS/NZS CISPR22 Class A

Safety Standards UL, CSA, TÜV (EN60950)

Warranty 1-year limited warranty

Overall Dimensions (W x D x H)
5.5" x 7.9" x 5.8" (140 mm x 148 mm x 203 mm)

Weight Approx. 4.19 lb (1.9 kg)

What's in the Box

TM-L90 Plus LFC Printer, Thermal roll paper (starter roll for operation check), User Guide, Power supply with AC cable

Ordering Information*

TM-L90 Plus LFC - 40/80 mm media width support

Ethernet, Built-in USB, Epson Dark Gray	C31C412A7971
Serial, Built-in USB, Epson Dark Gray	C31C412A7991

TM-L90 Plus LFC - 40/58/80 mm media width support

Wireless, Built-in USB, Epson Dark Gray	C31C412A7871
Ethernet, Built-in USB, Epson Dark Gray	C31C412A7881
Serial, Built-in USB, Epson Dark Gray	C31C412A7891

Epson-tested Media

For information about Epson® Tested Media, visit www.epson.com/lfctestedmedia

*Contact your Epson representative for additional models.

5.8"

7.9"

5.5"

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