

Epson M-180 Series



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Impact Mini Printers

Fast and highly durable

[Printer Friendly Specs](#)

[Where to Buy](#)

Overview

Fast and Highly Durable

The M-180 series of impact dot matrix printers offers greater speed and durability than even the M-150 series. The maximum printing speed is 1.7 lines / second and an MCBF of 1 x 10⁶ lines.

Ultra-Compact Design

Weighing less than 100grams and extremely compact, the M-180 series offers solid performance for their size.

Perfect for Compact Measuring Instruments

The M-180 series accommodates specialised needs with selectable print formats (18 to 42 columns), making this series one of the most popular for use with compact measuring instruments.

Fast Paper Feeding Function

The fast paper feed function is standard on all models in the M-180 series.

Ni-Cd Battery Operation

The M-180 can be operated on four Ni-Cd batteries.

Specification

Impact Mini Printers	
PRINTER	
PRINTING METHOD	Shuttle impact dot matrix
PRINTING FORMAT	
FONT	5 x 7
COLUMN CAPACITY	M-180: 24 columns M-181: 30 columns M-182: 36 columns M-183: 42 columns M-185: 18 columns M-186: 20 columns
CHARACTER SIZE	M-180: 1.7(W) x 2.6(H) mm M-181: 1.4(W) x 2.6(H) mm M-182: 1.2(W) x 2.6(H) mm M-183: 1.1(W) x 2.6(H) mm M-185: 1.7(W) x 2.6(H) mm M-186: 1.7(W) mm
LINE SPACING	M-180/M-181/M-182/M-183/M-185: 3.7mm (in case of 5 x 7 font and 3 dots / line paper feed) M-186: –
COLUMN SPCAING	M-180: 2.0mm M-181: 1.6mm M-182: 1.3mm M-183: 1.2mm M-185/M-186: 2.0mm
NUMBER OF TOTAL DOTS	M-180: 144 dots / line M-181: 180 dots / line M-182: 216 dots / line M-183: 252 dots / line M-185: 108 dots / line M-186: 120 dots / line
PRINTING SPEED	M-180: 1.7 lines / sec M-181: 1.3 lines / sec M-182: 1.1 lines / sec M-183: 1.0 lines / sec M-185: 1.7 lines / sec

M-186: Typ 83ms/dotline

PRINTHEAD

TERMINAL VOLTAGE	M-180/M-181/M-182/M-183/M-185: 3.3 to 5.5 VDC (3.3 to 5.5 VDC by Ni-Cd battery) M-186: 5.0 to 6.0 VDC
PEAK CURRENT	M-180/M-181/M-182/M-183/M-185: Approx. 3 A / solenoid M-186: 3.5 A/ solenoid

MOTOR

TERMINAL VOLTAGE	3.8 to 5.5 VDC
MEAN CURRENT	Approx. 0.2 A

PAPER

DIMENSIONS	M-180/M-181/M-182/M-183: 57.5± 0.5 mm (W) x dia. 83mm maximum M-185: 44.4±0.5mm(W) M-186: Card Type (maximum width: 54mm)
TOTAL THICKNESS	M-180/M-181/M-182/M-183/M-185: 0.06 to 0.085 mm M-186: 0.21 to 0.25mm
COPY CAPACITY	Original + one copy
RIBBON CASSETTE	ERC-09/22
AMBIENT TEMPERATURE	0° to 50°C

RELIABILITY/th>

MCBF	M-180/M-181: 1.0 x 10 ⁶ lines M-182/M-183: 0.7 x 10 ⁶ lines M-185/M-186: 1.0 x 10 ⁶ lines
PRINTER	M-180/M-181: 1.0 x 10 ⁶ lines M-182/M-183: 0.7 x 10 ⁶ lines M-185/M-186: 1.0 x 10 ⁶ lines

OVERALL DIMENSIONS

M-180/M-181/M-182/M-183/M-185: 91.0mm (W) x 46.9mm (D) x 15.8mm (H)
M-186: 93.9mm (W) x 59.3mm (D) x 21.1mm (H)

WEIGHT

M-180/M-181/M-182/M-183/M-185: Approx. 95 g
M-186: Approx. 140 g

Usage Conditions

Epson products are designed and made to give highly reliable use and long life when used according to its specifications. With any system, product or device used in situations where human life may be involved or at risk, Epson advises that you should take all necessary steps to ensure the suitability of your Epson product for inclusion in your system, and recommends that you include fail-safe procedures and redundancy support or backup equipment in your system, to maintain the maximum safety margin and optimum system reliability.

Consumables

POS RIBBONS	PRODUCT CODE
<u>Ribbon Cassette ERC-22B BLACK</u>	C43S015358
<u>Ribbon Cassette ERC-22B BLACK - 50 Pack</u>	C43S015358
<u>Ribbon Cassette ERC-22B BLACK - 100 Pack</u>	C43S015358
<u>Ribbon Cassette ERC-22B BLACK - 200 Pack</u>	C43S015358
<u>Ribbon Cassette ERC-09B BLACK</u>	C43S015354
<u>Ribbon Cassette ERC-09B BLACK - 50 Pack</u>	C43S015354
<u>Ribbon Cassette ERC-09B BLACK - 100 Pack</u>	C43S015354
<u>Ribbon Cassette ERC-09B BLACK - 200 Pack</u>	C43S015354

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