

Specifications

PRINTER TYPE

| | |
|------------------------|---------------------------------|
| MODEL | LQ-590 |
| PRODUCT CODE | C11C558081 |
| PRINTING METHOD | Impact dot matrix |
| NUMBER OF PINS IN HEAD | 24 pins |
| PRINT DIRECTION | Bi-direction with logic seeking |

PRINT SPEED

| | | |
|------------------|--------------------|---------|
| HIGH SPEED DRAFT | 10 cpi | 440 cps |
| | 12 cpi | 529 cps |
| | 10 cpi | 330 cps |
| DRAFT | 12 cpi | 396 cps |
| | 15 cpi | 495 cps |
| | 17 cpi (Condensed) | 559 cps |
| LQ | 20 cpi (Condensed) | 658 cps |
| | 10 cpi | 110 cps |
| | 12 cpi | 132 cps |
| | 15 cpi | 165 cps |
| | 17 cpi (Condensed) | 187 cps |
| | 20 cpi (Condensed) | 220 cps |

PRINT CHARACTERISTICS

| | | |
|--------------------|---|--|
| CHARACTER SETS | 14 international character sets | |
| | 13 character code tables | |
| BIT MAP FONTS | Italic, PC437, PC850, PC860, PC861, PC863, PC865, Abicom, BRASCII, Roman 8, ISO Latin 1, PC858, ISO 8859-15 | |
| | EPSON Draft | 10 cpi, 12 cpi, 15 cpi |
| | EPSON Roman | 10 cpi, 12 cpi, 15 cpi, Proportional |
| | EPSON Sans Serif | 10 cpi, 12 cpi, 15 cpi, Proportional |
| | EPSON Courier | 10 cpi, 12 cpi, 15 cpi |
| | EPSON Prestige | 10 cpi, 12 cpi |
| | EPSON Script | 10 cpi |
| | EPSON OCR-B | 10 cpi |
| | EPSON Orator | 10 cpi |
| | EPSON Orator-S | 10 cpi |
| | EPSON Script C | Proportional |
| | EPSON Roman | 10.5 pt., 8 pt. ~ 32 pt. (Every 2 pt.) |
| | EPSON Sans Serif | 10.5 pt., 8 pt. ~ 32 pt. (Every 2 pt.) |
| EPSON Roman T | 10.5 pt., 8 pt. ~ 32 pt. (Every 2 pt.) | |
| EPSON Sans Serif H | 10.5 pt., 8 pt. ~ 32 pt. (Every 2 pt.) | |
| BAR CODE FONTS | EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, PostNet | |

PRINTABLE COLUMNS

| | |
|-------------|--------------------|
| PITCH (cpi) | CHARACTER PER LINE |
| 10 cpi | 80 |
| 12 cpi | 96 |
| 15 cpi | 120 |
| 17 cpi | 137 |
| 20 cpi | 160 |

INPUT DATA BUFFER

128 KByte

INTERFACE

| | |
|----------|--|
| STANDARD | Bi-directional parallel interface (IEEE-1284 nibble mode supported), USB (ver 1.1) I/F |
| OPTION | Type B I/F level 2 |

RIBBON CARTRIDGE

| | |
|-------------|------------------------------|
| COLOR | Black |
| TYPE | Fabric |
| RIBBON LIFE | Approx. 5 million characters |



True Color + Fun Sticker is attached on EPSON genuine ribbon cartridge. For further details, please refer to <http://www.epson.com.hk/emileage>

RELIABILITY

| | |
|--|--------------------------------------|
| MVBF (Mean print volume between failure) | 40 million lines (Except print head) |
| MTBF (Mean time between failure) | 20000 POH (25% Duty cycle) |
| PRINT HEAD LIFE | 400 million strokes/wire |

CONTROL PANEL

6 switches, 10 LEDs

ENVIRONMENTAL CONDITIONS (OPERATING)

| | |
|-------------|----------|
| TEMPERATURE | 5 ~ 35°C |
| HUMIDITY | 10 ~ 80% |

ELECTRICAL SPECIFICATIONS

| | |
|-------------------|---|
| RATED VOLTAGE | AC 220 ~ 240V |
| RATED FREQUENCY | 50 ~ 60Hz |
| POWER CONSUMPTION | Approx. 42W (ISO/IEC 10561 letter pattern) Energy Star Compliant |

DIMENSIONS

| | |
|------------------------|---------------------|
| WIDTH x DEPTH x HEIGHT | 414 x 350 x 167.5mm |
| WEIGHT | Approx. 7.1kg |

PAPER HANDLING

| | | |
|-------------------|------------------|---|
| PAPER PATH: | Manual Insertion | Front/Rear in, Top out |
| | Push Tractor | Front/Rear in, Top out |
| | Pull Tractor | Front/Rear/Bottom in, Top out |
| CUT SHEET FEEDER: | Cut Sheet Feeder | Rear in, Top out |
| | Cut Sheet | Width 100 ~ 257mm (3.9 ~ 10.1") Length 100 ~ 364mm (3.9 ~ 14.3") |
| | Envelopes | No.6, No.10 |
| CONTINUOUS PAPER: | Continuous Paper | Width 101.6 ~ 254mm (4 ~ 10") Length 101.6 ~ 558.8mm (4 ~ 22") |
| | PAPER THICKNESS: | |
| | Cut Sheet | Single Sheet 0.065 ~ 0.14mm (0.0025 ~ 0.0055") Multi Part 0.12 ~ 0.39mm (0.0047 ~ 0.015") |
| CONTINUOUS PAPER: | Continuous Paper | Single Sheet/Multi Part 0.065 ~ 0.39mm (0.0025 ~ 0.015") Label Base Sheet 0.07 ~ 0.09mm (0.0028 ~ 0.0035") Total Sheet 0.16 ~ 0.19mm (0.0063 ~ 0.0075") |
| | PAPER FEEDING: | Standard Friction Rear/Front in, Top out Push Tractor Rear/Front in, Top out Pull Tractor Rear/Front/Bottom in, Top out |
| | Optional Feeder | Cut Sheet Feeder Rear in, Top out Push-pull Tractor Rear/Front in, Top out |

| | |
|-----------------|--|
| COPIES: | Original + 4 Copies |
| ACOUSTIC NOISE: | 52 dB (A)(ISO7779 pattern) |
| LINE SPACING: | 4.23mm (1/6") or programmable in increments of 0.0706mm (1/360") |

PRINTER DRIVER

OS
Microsoft® Windows® 95/98/2000/Me/XP and Microsoft® Windows® NT® operating system Version 4.0

OPTIONS

| | |
|---|------------|
| Ribbon Cartridge (Black) | C13S015589 |
| Front Paper Guide | C12C814022 |
| High Capacity Cut Sheet Feeder | C12C806382 |
| Roll Paper Holder (#8310) | C12C811141 |
| Single Bin Cut Sheet Feeder | C12C806372 |
| Tractor | C12C800202 |
| Type B Serial Interface Card | C12C824432 |
| Type B EpsonNet 10/100 Tx Internal Print Server | C12C824352 |

WARRANTY SERVICE

1-year carry-in warranty service



The warranty service can be extended by purchasing EPSON COVERPLUS Extended Warranty. For more information, please contact EPSON sales enquiry hotline.

Damage attributable to non-genuine ribbon use may not be covered by EPSON Product Warranty.



As an international ENERGY STAR Partner, EPSON has determined that this product meets the international ENERGY STAR Program for energy efficiency.

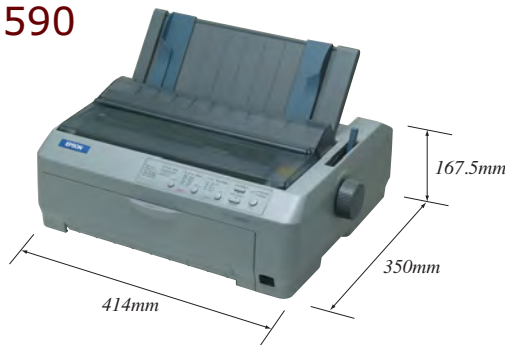


"EPSON ESC/P2 stands for EPSON standard code for printers Level 2. This second generation printer control language support scalable fonts as well as enhanced graphics capability. It also provides complete backwards compatibility with EPSON's ESC/P, the standard printer language for dot matrix printing."

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24-pin Dot Matrix Printer

LQ-590



EPSON
EXCEED YOUR VISION



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