

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
	12 cpi	396 cps
DRAFT	15 cpi	495 cps
	17 cpi (Condensed)	559 cps
	20 cpi (Condensed)	658 cps
	10 cpi	110 cps
LQ	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, Abicomp, 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.)
SCALABLE FONTS	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.)
	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	Rear in, Top out	
PAPER SIZE:	Cut Sheet	Width	100 ~ 257mm (3.9 ~ 10.1")
		Length	100 ~ 364mm (3.9 ~ 14.3")
	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	Single Sheet/Multi Part	0.065 ~ 0.39mm (0.0025 ~ 0.015")
		Label Base Sheet	0.07 ~ 0.09mm (0.0028 ~ 0.0035")
PAPER FEEDING:	Standard	Total Sheet	0.16 ~ 0.19mm (0.0063 ~ 0.0075")
		Friction	Rear/Front in, Top out
	Optional Feeder	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."

EPSON and EPSON ESC/P2 is a trademark of SEIKO EPSON CORPORATION. Microsoft, Windows, and Windows NT are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other product names and other company names used herein are for identification purpose only and maybe the trademarks or registered trademarks of their respective owners. EPSON disclaims any and all rights in those marks. Print samples shown herein are simulations. Specifications are subject to change without notice.

24-pin Dot Matrix Printer

LQ-590



EPSON
EXCEED YOUR VISION

EPSON HONG KONG LIMITED

20/F Harbour Centre, 25 Harbour Road, Wanchai, Hong Kong

EPSON Service Centre

Room 517, Trade Square, 681 Cheung Sha Wan Road, Cheung Sha Wan, Kowloon
20/F Harbour Centre, 25 Harbour Road, Wanchai, Hong Kong

Sales Enquiry Hotline: 2827 8711

Technical Support Hotline: 2827 8911

Website: www.epson.com.hk