

QL-120X

Color Inkjet Label Printer Specifications

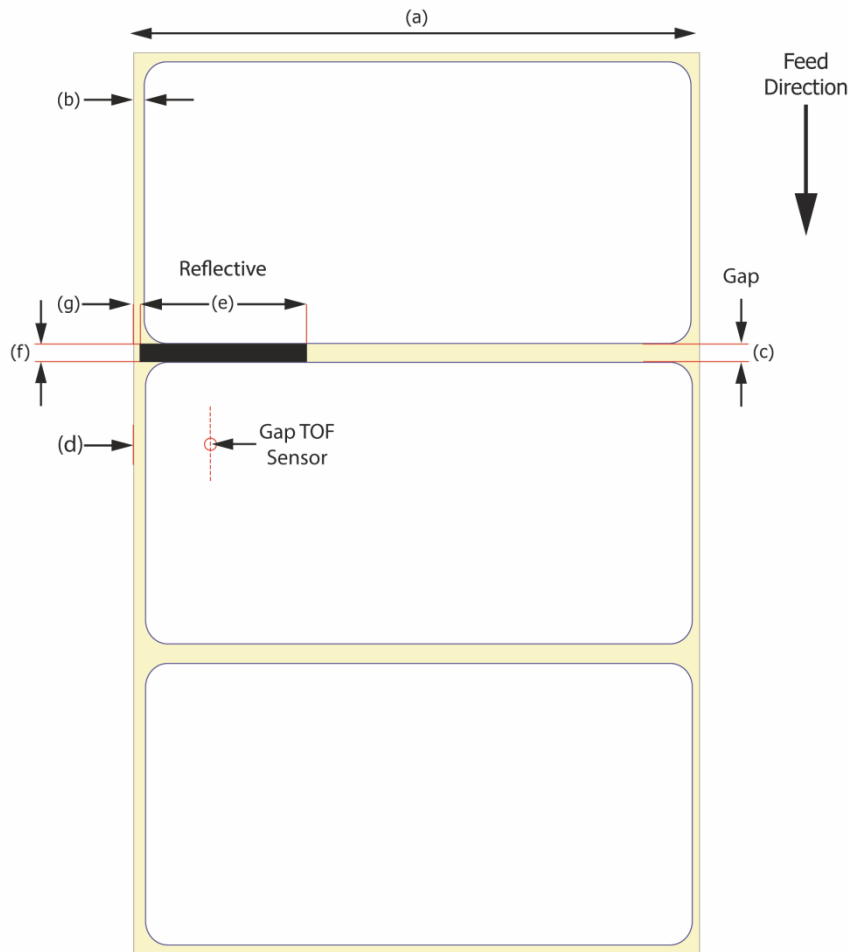
Operation	
Print Technology	Thermal Inkjet
Ink Type	High-Performance Dye ink, (4) individual CMYK cartridges
Print Resolution	1,200 x 1,200 dpi / 1,200 x 600 dpi
Print Speed	12 ips (300 mm/sec) @ 1,200 x 600dpi 8 ips (200 mm/sec) @ 1,200 x 1,200 dpi / 600 x 600 dpi
Label Size/Print Area	Width: 0.5" (12 mm)* - 4.17" max (105.9 mm) Length: 0.24" (6 mm) - 30.0" (762 mm) <i>* Reflective TOF mark required for widths <0.75" (19mm), consult with media specialist</i>
Media Sensors	Gap, Reflective (black mark), Notch, Continuous
Cutter	Automatic, guillotine-type, cut at end of batch or between labels, 1.0" (25mm) minimum cut length Rated for 1.5M cuts on 1.8mil, 65g/m ² paper liner
Control Panel	4 buttons - Power, Pause, Feed and Back Feed 8 LED's - Power, Status, Error, Maintenance Cartridge, Ink C/M/Y/K
Time to Ready	On to Ready: 20 seconds Sleep to Ready: 10 seconds
Connectivity	High-Speed USB 2.0; Gigabit Ethernet RS-232 External Control Interface & Protocol
Software	Microsoft Windows® 10, 8.1, 8, 7; Windows Server® 2012, 2008, 64/32-bit Drivers CQL Pro advanced label creation and print management software (one free license included) Nicolabel® 2017 Enterprise or Desktop software (optional)
Barcodes	All major barcodes supported, including 2D Datamatrix and QR Code
Printing Supplies	
Ink Cartridges	QuickLabel QL-120X CMYK dye cartridges, 240mL (230mL usable)
Maintenance Cartridge	450mL full replacement; 360mL (80%) near full warning
Printhead, Purge Unit & Transport Life	Life varies with image content and duty cycle and is reported by the QL-120X Maintenance Utility
Media Dimensions	
Width	1.0" (25.4 mm) - 4.53" (115 mm)
Length	0.24" (6 mm) - 30.0" (762 mm)
Thickness	5.7 - 10 mil (0.145 mm - 0.255 mm)
Roll Size	7.87" OD (200 mm), 3" ID (76 mm) core 11.8" OD (300 mm) with optional UW 5.1 External Unwind
Types	Gloss Paper, Matte Paper and Synthetic pressure-sensitive; Paper Tag Stock
Environmental & Physical	
Printer Operating	59° F to 86° F (15° C to 30° C), 10% to 90% Relative Humidity (non-condensing)
Printer Storage	32° F to 95° F (0° C to 35° C), 5% to 95% Relative Humidity (non-condensing)
Ink Storage	32° F to 95° F (0° C to 35° C), 35% to 85% Relative Humidity (non-condensing)
Noise Level	Less than 60dB while printing, less than 40dB during standby (ISO7779)
Power Requirements	100 - 240 VAC 50/60Hz, 1.5A/0.5A
Power Consumption	Operating: 233W printer, 268W printer with cut operation Idle, Powered On: 22W (max) Standby/Sleep Mode: 8.5W Powered Off: 0.4W (ErP/Lot6)
Dimensions	15.2" L x 22.2" W x 15.5" H (386 mm x 564 mm x 394 mm)
Weight	52.9 lbs. (24 Kg) without supplies 56.1 lbs. (26 Kg) with supplies 68.2 lbs. (31 Kg) shipping
Compliance Standards	Safety - North America: UL 60950-1 2nd Edition, 2011-12-19; cUL CAN/CSA-C22.2 No.60950-1-07 2nd Edition, 2011-12 Safety - Europe: CE(CB) EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013 EMC: FCC Part 15 Subpart B (Class B), Industry Canada ICES-003 Issue 6 (Class B), CE EN 55032:2012 Class B, EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010 Chemical Safety: TSCA, OSHA HCS, EU directive Others: RoHS, REACH, ErP Lot6, WEEE, EU Battery, EU Packaging Waste
Optional Accessories	RW-5.1 Automatic Label Roll Rewinder, 11.8" (300 mm) OD Roll UW-5.1 Automatic Label Roll Unwinder, 11.8" (300 mm) OD Roll External Control Interface
Warranties	
Two-Year Manufacturer's Parts & Labor Warranty on Printer 2 years from date of production on unused/unopened Ink Cartridges, 6 months if opened or installed	
What's Included	
QuickLabel Systems QL-120X printer, AC power cord, USB Cable, Ethernet Cable (10'), QL-120X CMYK dye cartridges, 105mL (95mL usable), Installation Guide CQL Pro® advanced label creation and print management software (one free license included) Manufacturer-Direct Sales, Warranty and Service Unlimited Telephone, Web and E-mail Technical Support Optional Remote and On-Site Setup & Training, Extended Warranty, Support and QuickSwap™ programs available	



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Construction	Width (a): 1.0" - 4.53" (25.4 mm - 115 mm) Edge Trim (b): Left/Right: 0.0625" - 0.25" (1.59 mm - 6.35 mm)
Gap	Length (c): 0.098" - 0.37" (2.5 mm - 9 mm); 0.250" - 0.375" (6.4 mm - 9.5mm) with reflective marks Horizontal Position to Center (d): 6.975 mm, 3 mm dia.
Reflective Mark	Width (e): 10 mm min., 30 mm or greater recommended Length (f): 0.118" - 0.394" (3.0 mm - 10.0 mm) Position to Edge (g): 1.0 mm +0.5 mm/-1.0 mm Density: >1.3 (reflective measured with X-Rite 504) Non-glossy finish
Butt Cut Label Construction	acceptable if no printing is required for length of reflective mark
Vertical Perforation Interval	25 mm or greater for label widths of 2" and greater 130 mm or greater for label width less than 2"



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