

# QL-300

## Color Electrophotographic Label Printer Specifications

Operation	
Print Technology	Electrophotographic, Toner
Ink Type	Toner, (4 or 5) individual CMYK or W cartridges
Print Resolution	1,200 x 1,200 dpi / 600 x 600 dpi
Print Speed	6 ips (152 mm/sec), 4 ips (102 mm/sec) or 2.3 ips (58 mm/sec)
Print Area	CONTINUOUS - Continuous Paper Width: 0.83" - 4.95" (21.2 mm - 125.8 mm) Length: 0.33" - 51.83" (8.5 mm - 1316.6 mm) GAP - Die-cut Label (Gap) Width: 0.83" - 4.79" (21.2 mm - 121.8 mm) Length: 0.33" - 51.83" (8.5 mm - 1316.6 mm) REFLECTIVE - Continuous Paper (Black Mark) Width: 0.83" - 4.95" (21.2 mm - 125.8 mm) Length: 0.42" - 51.92" (10.6 mm - 1318.7 mm)
Print Position Accuracy	±0.5 mm
Media Sensors	Gap, Reflective (black mark, bottom), Continuous
Cutter	Automatic, 4.0" (102 mm) minimum cut length
Control Panel	Display: Color LCD 480 x 272 pixel Keypad: Power, Online, Cancel, Help, Power Save, Menu (Up, Down, OK, Back), Numeric Keypad, Feed, Unload LED Indicators: Power, Online, Help, Power Save, Attention
Connectivity	High-Speed USB 2.0; Gigabit Ethernet
Software	Microsoft Windows® 10, 8.1, 8, 7; Windows Server® 2016, 2012, 2008, 64/32-bit Drivers COL Pro advanced label creation and print management software (one free license included)
Barcodes	All major barcodes supported, including 2D Datamatrix and QR Code
Printing Supplies	
Toner Cartridges	QuickLabel QL-300 CMYKW toner cartridges, with integral image drum
Additional Supplies	Transfer Belt, Transfer Roller, Waste Toner Box, Fuser
Transfer Belt / Fuser Life	Approximately 870,000 linear inches (22,100 m)
Waster Toner Box Life	Approximately 290,000 linear inches (7,300 m)
Toner / Image Drum Life (CMYK)	Approximately 52,000 linear inches (1,320 m), <i>based on 20% coverage</i>
Toner / Image Drum Life (W)	Approximately 26,000 linear inches (660 m), <i>based on 20% coverage</i>
Media Dimensions	
Thickness	3.0 - 9.8 mil (0.076 mm - 0.25 mm)
Roll Size	8.0" OD (203 mm), 3" ID (76 mm) core
Types	QuickLabel Approved Paper, Synthetic label and tag stock
Environmental & Physical	
Printer/Toner Operating	50° F to 86° F (10° C to 30° C), 20% to 70% Relative Humidity* (non-condensing) * 50% - 70% RH recommended for optimal print quality
Printer/Toner Storage	14° F to 109° F (-10° C to 43° C), 10% to 90% Relative Humidity (non-condensing)
Noise Level	Approximately 80dB while printing, 51dB while idle (ISO7779)
Power Requirements	110 - 127 VAC 60Hz 220 - 240 VAC 50Hz
Power Consumption	Operating: 710W (average) Peak: 1,200W Idle, Powered On: 27W Power Save: 25W
Dimensions	40.9" L x 18.8" W x 17.4" H (1040 mm x 477 mm x 441 mm)
Weight	136 lbs. (62 Kg) with supplies 183 lbs. (83 Kg) shipping, two cartons on pallet
Compliance Standards	Safety - CE(CB) EN 55032:2015; EN 61000-6-1:2007; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013; EN 62311:2008; EN 50581:2012 EMC: FCC 47CFR Part 15 Subpart B; CAN ICES-3(A)/NMB-3(A) Chemical Safety: TSCA, OSHA HCS, EU directive Others: RoHS, REACH, WEEE, EU Battery, EU Packaging Waste
Optional Accessories	RW-300 Automatic Label Roll Rewinder
Warranties	
One-Year Manufacturer's Parts & Labor Warranty on Printer (excludes printing supplies) 2 years from date of production on unused/unopened Toner Cartridges, 6 months if opened or installed	
What's Included	
QuickLabel Systems QL-300 printer, AC power cord, USB Cable, QL-300 CMYKW toner cartridges, Installation Guide COL 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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### Media Construction Requirements

<b>Matrix-In (required for full bleed printing)</b>	
Total Width	1.0" - 5.12" (25 mm - 130 mm)
Label Length	0.626" - 52.126" (15.9 mm - 1324.0 mm) *top of reflective mark to top of next mark
Edge Trim	0.0625" (1.6 mm)
Horizontal Bleed Zone	0.125" - 0.25" (3.18 mm - 6.35 mm)
Gap Length	0.375" (9.5 mm)
Reflective Mark Width	0.59" - 5.12" (15 mm - 130 mm)
Reflective Mark Length	0.118" (3 mm)
Print Start/Stop Position	Start printing 2.12 mm from leading edge of reflective mark Stop printing 3.20 mm from leading edge of next reflective mark
<b>Gap Labels, Matrix-Out</b>	
Total Width	1.0" - 5.12" (25 mm - 130 mm)
Label Length	0.5" - 52.0" (12.7 mm - 1320.8 mm)
Edge Trim	0.0625" (1.6 mm)
Gap Length	0.118" - 0.394" (3 mm - 10 mm)
<b>Continuous Label/Tag</b>	
Total Width	1.0" - 5.12" (25 mm - 130 mm)
Edge Trim	0.0625" (1.6 mm)
<b>Additional Guidelines</b>	
Perforations	No perforations of any type are permitted
Notched Media	Notched media is not supported
Z-Fold	Z-fold media is not permitted



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