QL-850 Product Specifications

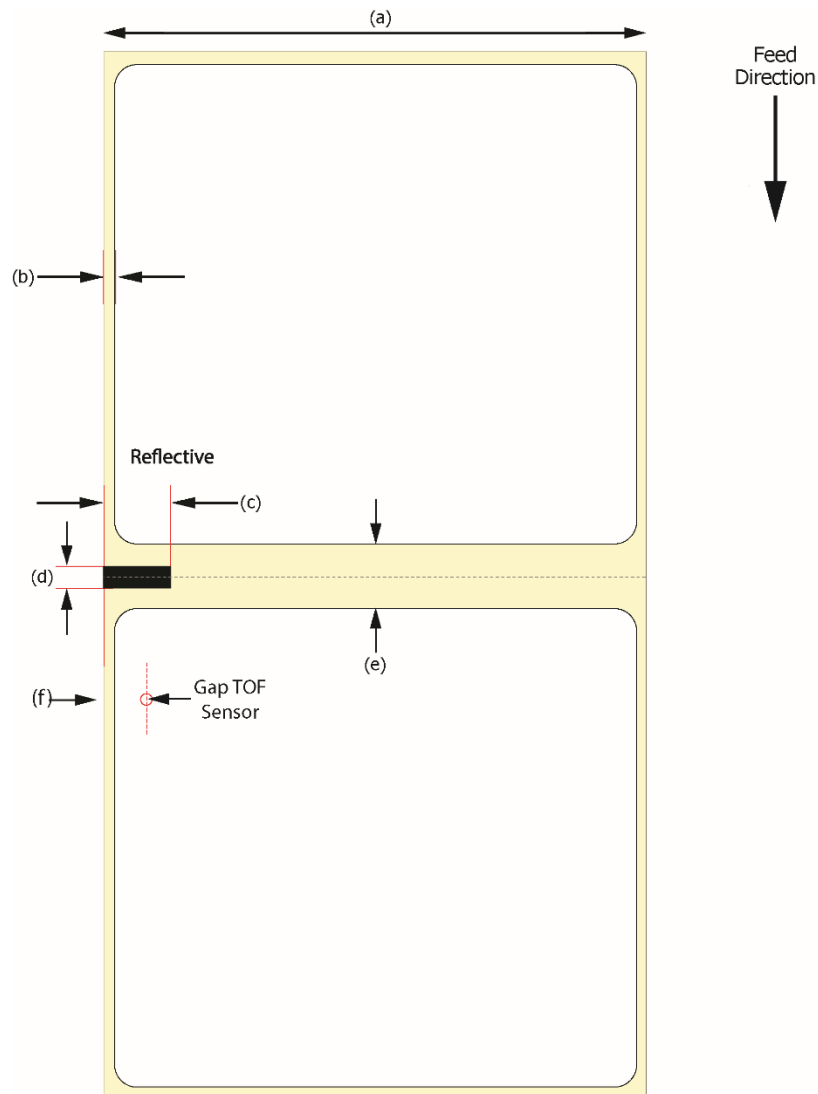| Operation	
Print Technology	Thermal Inkjet
Ink Type	High-Performance Natura Dye ink, (4) individual CMYK Cartridges
Print Resolution	1600 x 1600 dpi / 1600 x 800 dpi
Print Speed	6 ips @ 1600 x 1600 dpi 12 ips @ 1600 x 800 dpi
Label Size/Print Area	Width: 2.5" (64 mm) - 8.3" (211 mm) Length: 1.0" (25 mm) - 30.0" (762 mm)
Media Sensors	Gap, Reflective (bottom-only), Continuous; Non-adjustable/fixed sensors
Cutter	Approximately 100,000 cuts on paper liner
Control Panel	5 buttons - Power, Pause, Feed, Back Feed, Cut 7 LED's - Power/Status, Error, Ink Out C/M/Y/K and Service
Time to Ready	On to Ready: 20 seconds
Connectivity	USB 2.0; 10/100 BaseT Ethernet, RJ-45 connection
Software	QL-850 Windows® 10/8/7; Server 2012, 2008, 64/32-bit drivers CQL Pro advanced label creation and print management program software (one free license included)
Barcodes	All major barcodes supported, including 2D Datamatrix and QR Code

Printing Supplies	
Ink Cartridges	QuickLabel QL-850 CMYK dye cartridges, 250mL
Maintenance Cartridge	Approximately 2 million linear inches or 2,000 mid-job servicing operations Near full warning at approximately 80% full
Maintenance Roller	Approximately 1 million linear inches or 850 mid-job servicing operations
Ventilation Filter	Approximately 500,000 linear inches

Media Dimensions	
Width	2.625" (57 mm) - 8.425" (214 mm)
Length	1.125" (29 mm) - 30.125" (765 mm)
Thickness	5.5 mil - 7.5 mil (0.140 mm - 0.191mm)
Roll Size	8" OD (203 mm) QuickLabel® paper and synthetic labels on 3" ID (76.2 mm) core
Types	Gloss Paper, Matte Paper and Synthetic pressure-sensitive; Paper Tag Stock

Environmental & Physical	
Printer Operating	41° F to 95° F (5° C to 35° C), 20% to 90% Relative Humidity (non-condensing) Printer should be installed on level surface with no more than 1° tilt in any axis
Printer Storage	23° F to 113° F (-5° C to 50° 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)
Atmospheric Pressure	1060hPa (795mmHg) - 700hPa (525mmHg)
Power Requirements	100-240 VAC 50-60 Hz, 2.6A
Power Consumption	Operating: 260W (max) Idle: 60W (max)
Dimensions	23.7" L x 20.3" W x 20.8" H (602 mm x 515 mm x 528 mm)
Weight	64 lbs. (29.0 Kg) without supplies
	70 lbs. (31.8 Kg) with supplies
	83 lbs. (37.6 Kg) shipping
Compliance Standards	
Optional Accessories	RW-800 Automatic Label Roll Rewinder, 11.8" (300 mm) OD Roll UW-300 Automatic Label Roll Unwinder, 11.8" (300 mm) OD Roll

Warranties
One-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 QL-850 printer, AC power cord, USB Cable, QL-850 CMYK dye cartridges 250mL, 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

Label Size/Print Area	**Width:** 2.5" - 8.3" (64 mm - 211 mm)
	Length: 1.0" - 30.0" (25 mm - 762 mm)
Construction	**Width (a):** 2.625" - 8.425" (67 mm - 214 mm)
	Edge Trim (b): 0.063" (1.59 mm)
Gap	**Length (e):** Non Full Bleed: 0.125"- 0.75" (3.175 mm - 19 mm) Full Bleed: 0.25" - 0.75" (6.35 mm - 19 mm) **Horizontal Position to Center (f):** 8.0 mm, 3mm dia.
Reflective Mark	**Width (c):** 0.75" (19 mm) minimum **Length (d):** 0.125" (3.175 mm) **Density:** >1.1 (reflective measured with X-Rite 504) Non-glossy finish
Other Features	
Multi-Across/Down	Yes, 1.0" (25 mm) min. width, 1.0" (25 mm) min. length Maximum of 0.25" horizontal and vertical gaps
Butt Cut	acceptable if no print required for length of reflective mark
Splices	clear tape splices are permissible