



**AFINIA LABEL®**  
**MAKE YOUR OWN LABELS**

**L801**  
 COLOR LABEL PRINTER

# L801 Industrial Color Label Printer

## Incredible Print Quality with Industry-Leading Low Cost of Ownership

The easy-to-use L801 Industrial Color Label Printer is powered by Memjet Waterfall Printhead Technology®. Built with a stationary printhead for ultimate speed, and a 1.25 liter ink capacity for large print runs, the L801 saves you both time and money.

The L801 Memjet label printer is an industrial web-fed inkjet solution, ideal for short- to medium-range print runs for retail, inventory, and product identification applications.

### Key Features

- ✓ Print speed of up to 60 feet/minute
- ✓ Industry-leading ink cost per label
- ✓ Variable data capability
- ✓ Compatible with a wide range of label stock
- ✓ Exceptionally crisp images and text

### Water-Resistant Labels

The L801 Plus model has Watershield™ for increased moisture resistance.

This optional technology is perfect for labels that may be exposed to moisture, such as chilled beverages, foods, chemicals, or pharmaceutical products.



Powered by **memjet**



#### Wide range of media compatibility

Choose the label stock that creates the best look and feel for your brand

#### Easy access

For simplified maintenance and servicing

#### Large ink capacity (CMYKK)

Supports large runs and offers industry-leading ink cost

#### Memjet-powered stationary printhead

Enables ultimate speed, quality, and reliability

#### Professional image quality & resolution

Exceptionally crisp images and text with vibrant color and rich blacks



**CALIFORNIA LABEL PRODUCTS**  
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# L801 Specifications

## Printer:

<b>Print method:</b>	Memjet Waterfall Printhead Technology® 11 Integrated Circuit (IC) Chips – 70,400 nozzles
<b>Inks:</b>	Dye-based, 250 mL CMYKK (1.25 L total) — Watershield water-resistant formula available
<b>Print resolution:</b>	1600x1600 dpi or 1600x800 dpi
<b>Print speed:</b>	6"–12" per second (152 mm–305 mm)
<b>Print width:</b>	8.5" (216 mm)
<b>Cutter/sheeter:</b>	Powered

## Media:

<b>Media/Label Size:</b>	Width: 2"–8.5" (50.8 mm–216 mm) Length: 2"–48" (50.8 mm–1220 mm)	<b>Media sensors:</b>	Gap, continuous, black mark
<b>Media Thickness:</b>	Minimum 0.005" (0.13 mm) Maximum 0.01" (0.3 mm, including liner)	<b>Die-cut gap:</b>	Minimum 0.125" (3.0 mm) Maximum 0.3" (8.0 mm)
<b>Core diameter:</b>	Requires 3" (76.2 mm) cardboard core	<b>Black mark:</b>	(3 mm wide, 25.4 mm long on left)
<b>Outside diameter:</b>	Maximum 8" (203 mm)	<b>Substrates:</b>	Compatible with a wide range of paper, polyester, polypropylene, and vinyl label stocks

## General:

<b>Interfaces:</b>	USB 2.0, TCP/IP (Manual IP configuration or DHCP), GPIO available for external device control
<b>Operating system:</b>	Windows 7+ (32 and 64 bit)
<b>Barcode font:</b>	1D Barcode at least Grade B (Code39) with 10mils bar width
<b>2D code printing:</b>	2D Barcode at least Grade B (PDF417) with 10mils cell size
<b>Operating temperature:</b>	15°–35° C (59°–95°F) at RH 20–80%
<b>Overall dimensions:</b>	18.9" (480 mm) W, 19" (485 mm) D, 21.1" (535 mm) H
<b>Weight:</b>	83 lb (37.6 kg)
<b>Rated voltage:</b>	AC 110V – 220V, auto-sensing
<b>Warranty:</b>	One year



**In-House Label Solutions for Every Level of Production**