

# L502 Industrial Color Label Printer

**L502**  
COLOR LABEL PRINTER

## Rugged Construction Meets Versatile Printing

The L502 is the next evolution of our original popular mid-range L501 label printer. All-steel industrial design, improved toolbox functionality, over 2x faster printing, and optional durable pigment inks make the L502 extremely rugged and versatile.

The heavy-duty construction of the L502 color label printer includes an all-steel industrial cover, with a window for print bed visibility and status monitoring. Improved sensors allow for greater compatibility with specialty media, such as reflective metallic material.

The L502's pigment inks have been tested and **certified to produce BS 5609-compliant and GHS (Globally Harmonized System) labels**, which helps keep chemical manufacturers in compliance with packaging and transportation requirements.

### Key Features

- ✓ Print vibrant and colorful prime labels with dye-based inks
- ✓ Use pigment inks for exceptional water, abrasion, and UV resistance
- ✓ Industrial steel construction
- ✓ Flexibility to change label designs and content on the fly
- ✓ Best for short- to mid-sized print runs



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**AFINIA LABEL®**

# L502 Specifications

## General:

<b>Print Technology:</b>	HP Thermal Inkjet
<b>Print Resolution:</b>	Up to 4800 dpi
<b>Print Speed:</b>	Approximately 5.2 in/sec (13.2 cm/sec) printing a 2.2 in (56 mm) wide image in plain paper normal mode
<b>Inks:</b>	Option of Dye or Pigment — Individual Cyan, Magenta, Yellow (26 mL), Individual Black (78.4 mL)
<b>Core Size</b>	3" (76.2 mm)
<b>Media Types:</b>	Compatible with wide range of paper, polyester, polypropylene, and vinyl label stocks. Supports gap, black mark, and continuous media
<b>Media Sensing:</b>	Auto calibration and auto detection of gap and black marks
<b>Label Width:</b>	1.0" – 8.5" (25.4 mm – 215.9 mm)
<b>Label Length:</b>	0.75" – 48" (19 mm – 1219.2 mm)
<b>Media/Liner Width:</b>	1.5" - 8.65" (38.1 mm – 219.7 mm)
<b>Inter Label Gap Size:</b>	0.125" – 0.3" (3.175 mm – 7.62 mm)
<b>Black Mark Size:</b>	0.125" – 0.3"
<b>Label Thickness:</b>	0.004" – 0.01" (0.1 mm – 0.3 mm)
<b>Cutter:</b>	Powered cutter
<b>Unwinder:</b>	8.5" (219.7 mm) max width, 8" (203 mm) OD on a 3" core (76.2 mm)
<b>Display:</b>	2" mono display with buttons
<b>Operating Systems:</b>	Windows 7, 8, and 10 (32 and 64 bit)
<b>Data Interface:</b>	USB 2.0 connection and 10/100 Base-Tx Ethernet
<b>Operating Temperature:</b>	59 – 90°F (15 – 32°C)
<b>Operating Humidity:</b>	20 – 80% RH
<b>Overall Dimensions:</b>	20" (511 mm) W, 23.5" (596 mm) D, 9.75" (248 mm) H
<b>Weight:</b>	40 lb (18.2kg)
<b>Warranty:</b>	1 year



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

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