



# AFINIA LABEL®

# L501

COLOR LABEL PRINTER

## L501 Industrial Color Label Printer

### With Duo Ink Technology

The L501 is the first label printer with Duo Ink Technology, designed to print with both pigment and dye inks. This dual-ink feature allows for a quick transition from dye-based vibrant and colorful prime labels, to ultra-durable pigment-based label applications with a simple printhead swap.

Enjoy the durability of pigment and the vibrancy of dye inks in the same printer. **The L501's ink interchangeability offers a level of versatility no other printer in its class can offer.**

### Key Features

- ✓ Print vibrant and colorful prime labels with dye-based inks
- ✓ Use pigment inks for exceptional water, abrasion, and UV resistance
- ✓ Eliminate issues and minimize costs of outsourced and sheet-fed labels
- ✓ Flexibility to change label designs and content on the fly
- ✓ Minimize waste by printing only the labels you need, on demand
- ✓ Best for short- to mid-sized print runs



### Wide range of media compatibility

Choose the label stock that creates the best look results for your application

### Duo Ink Capability

Easily switch between pigment and dye-based inks for unrivaled versatility

### Proven HP® print technology

Creates vivid, high-resolution text and images for eye-catching labels

### Easy-to-use front panel touchscreen

Makes setup and adjustments quick and painless



MyBinding.com  
5500 NE Moore Court  
Hillsboro, OR 97124  
Toll Free: 1-800-944-4573  
Local: 503-640-5920

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# L501 Specifications

## General:

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Print Technology:</b>      | HP Thermal Inkjet                                                                                                                     |
| <b>Print Resolutions:</b>     | Color: Up to 2400 x 1200 optimized dpi color; Black: Up to 1200 x 1200 optimized dpi                                                  |
| <b>Print Speed:</b>           | Approximately 5.2 in/sec (13.2cm/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 (26ml), Individual Black (78.4ml)                                         |
| <b>Core Size</b>              | 3" (76.2mm)                                                                                                                           |
| <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" (25.4mm – 215.9mm)                                                                                                        |
| <b>Label Length:</b>          | 0.75" – 48" (19mm – 1219.2mm)                                                                                                         |
| <b>Media/Liner Width:</b>     | 1.5" - 8.65" (38.1mm – 219.7mm)                                                                                                       |
| <b>Inter Label Gap Size:</b>  | 0.125" – 0.3" (3.175mm – 7.62mm)                                                                                                      |
| <b>Black Mark Size:</b>       | 0.125" – 0.3"                                                                                                                         |
| <b>Label Thickness:</b>       | 0.004" – 0.01" (0.1mm – 0.3mm)                                                                                                        |
| <b>Cutter:</b>                | Powered cutter                                                                                                                        |
| <b>Unwinder:</b>              | 8.5" (219.7mm) max width, 8" (203mm) OD on a 3" core (76.2mm)                                                                         |
| <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 Dimension:</b>     | 22.5" x 21.5" x 8.75" (570.6mm x 540.2mm x 225.1mm)                                                                                   |
| <b>Weight:</b>                | 35lbs (15.9kg)                                                                                                                        |
| <b>Warranty:</b>              | 1 year                                                                                                                                |



**Label Printing Solutions for Every Level of Production**  
**AfiniaLabel.com**



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