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AFINIA LABEL®
MAKE YOUR OWN LABELS

L502
COLOR LABEL PRINTER

L502 Industrial 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**

BS 5609

hp
Inkjet Technology

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L502 Specifications

General:

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

BS 5609

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In-House Label Solutions for Every Level of Production