

LP130 Laser Marking System



Despite its many advantages, laser marking of durable label film has always been a complicated and expensive process. It required highly-trained operators, a large capital equipment investment, lots of maintenance, and a secured work area for safe operation.

Primera's new LP130 Laser Marking System changes all of that. It's built to be used right on your desktop or workbench, making the laser marking process easy and convenient. It's used just like any other Windows®-based printer. The main difference is that LP130 contains a high-powered, solid state fiber optic coupled laser. The laser either ablates or phase-changes a wide range of specialty label substrates, delivering all the advantages of highly-durable laser label marking but at a much lower cost and with far greater simplicity than ever before.

Labels produced on the LP130 are designed to be replacements for etched metal plates as well as thermal-transfer laminated polyester bar code labels. Both "smoke" and "smokeless" types of substrates are available.



LP130-Produced Labels Withstand:

- » Harsh outdoor weather conditions for 5+ years
- » Extreme sunlight/UV exposure
- » Extreme temperatures from -58F to +392F
- » High abrasion – including blowing sand and dirt
- » Tampering due to available tamper-evident features
- » Chemicals such as grease, oils, gasoline and many other chemicals

Easy and Safe to Operate

No special operator training is required for LP130. Software called BarTender® UltraLite Primera Edition for Windows XP/Vista/7/8 is included.

The machine's compact footprint allows you to place printers where they're needed instead of depending upon a larger, far more expensive centralized unit. LP130 meets CDRH and IEC laser safety standards, too. It includes safety features such as a dual interlock safety switch on the top cover. Labels in a variety of sizes are easily replenished.

Many Applications

LP130 produces durable labels for a wide range of applications, including:

- » **UID labels** – for the U.S. Department of Defense's MIL-STD-130N labeling requirements
- » **UDI ("Unique Device Identification") labels** – for asset tracking for medical devices according to FDA specifications
- » **Asset tags and labels** – to protect and identify valuable equipment and devices
- » **Automobile labels** – for VIN and rating plates and under-hood use
- » **Medical laboratory labels** – with both low- and high-temperature and chemical resistance, labels can be used virtually anywhere from the freezer to the autoclave.
- » **Solar panel labels** – able to withstand outdoor stresses from wind, rain and UV light
- » **Security labels** – prevents the label from being removed and if attempted shows tamper-evidence
- » **Harsh environment labels** – any other labels such as safety warning labels that are used in rough outdoor weather conditions.

Optional Smoke and Fume Filter

Label substrates that generate smoke and fumes require the use of Primera's DF-30 Filtration System. DF-30 is mounted directly underneath the printer and attaches without tools. It has five filtering stages: a baffle filter, pre-bag filter, MERV-13 large particle filter, a HEPA small particle filter and an industrial-grade carbon filter for odor removal. DF-30 lets you safely use the LP130 printer in most office, warehouse and factory environments.



Built by Primera and Coherent

Primera is one of the world's leading manufacturers of specialty printers. Coherent is the leading OEM laser component manufacturer. Both companies collaborated to develop the LP130. You can be confident that the LP130 Laser Marking Systems you buy were designed and built by two of the best companies in the business.

Technical Specifications

Print method:	Laser diode
Print resolution:	300 dpi
Max. substrate width:	5.1" (130mm)
Media types:	Smoke and smokeless laser-marking films
Media sensing:	See-through and black mark reflective sensors
Supply roll:	6" (152mm) O.D. on 3" (76.2mm) core
Label design software:	BarTender UltraLite Primera Edition included. Most other Windows-based label design software may also be used.
Operating system:	Windows XP/Vista/7/8
Data interface:	USB 2.0
Indicator lights:	Power, Pause, Media
Electrical rating:	12VDC, 5.0 amps
Power requirements:	100-240VAC, 50/60 Hz
Agency approvals:	UL, UL-C, CE, FCC Class A
Laser safety certification:	CDRH and IEC 60825-1
UL laser certification:	Class 1 laser product
Weight:	37.5 lbs (17 kg)
Dimensions:	17.25"W x 9.1"H x 17.25"D (438mmW x 231mmH x 438mmD)
Options:	DF-30 Filtration System
Data interface:	6-pin DIN serial cable

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