

PLS420 Automated Labeling

PARAGON LABELING
Continuing the Legacy



Picture shows optional upgrade

At Paragon Labeling Systems, we are committed to providing the most cost effective label application solutions available. Our PLS400 series of labeling systems present a modular and flexible design that allows you to reconfigure your labeling system as your needs evolve without needing to buy a whole new system. With its integrated PLC and remote mount dispense the PLS420 system is a feature rich system used to print and then immediately apply labels to products, cartons, cases, pallets, and totes. Print engines from Zebra Technologies, Sato America, Datamax or Intermec are available, allowing the most demanding labeling requirements to be met. With a full line of field interchangeable application modules, the PLS420 can label in virtually any orientation.

With its plate aluminum chassis, PLC controller, and remote mount interface, this robust system delivers an unparalleled value proposition with many standard features that are only options on other systems. The peel-tip label gap sensor coupled with a highly accurate stepper drive ensures precise label placement every time. With more standard features than similar products, the PLS420 provides customers with the knowledge that their labeling needs are being met today and into the future.



SPEEDY



ACCURATE



DURABLE

See reverse
for product specifications.



DARTRONICS, INC.

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THE SINGLE SOURCE FOR YOUR

END-OF-LINE

PACKAGING, MARKING AND CODING NEEDS

TECHNICAL SPECIFICATIONS

- PLC Controlled
- Remote mount interface
- 4-Line, Backlit Interface with tactile keys
- Print speed from 2"-16"/second (print engine dependant)
- Print density from 200 to 600 dots per inch (DPI) (print engine dependant)
- Serial, Parallel, Ethernet, USB or Wireless interfaces available
- Accurate to +/- 1/64"
- Plate aluminum construction
- Fully enclosed chassis
- Pressurized cabinet

LABEL SPECIFICATIONS

	Min	Max
Label Width	.5" (12.7mm)	7.1" (180 mm)
Label Length	.5" (12.7mm)	18" (457.2mm)
Roll Size	3" ID	12" OD

AIR REQUIREMENTS

- 30-80 PSI (application dependant)
- Clean, dry, non-oiled
- Air not required for wipe (merge) label applications

POWER

115 VAC, 6 Amp

DIMENSIONS

- 24" (610 mm) wide x 22" (610 mm) tall x 15" (381 mm) deep
- Applicator module not included above

Weight

80lbs



Picture shows optional upgrade

OPERATING ENVIRONMENT (Print Engine Dependent)

	Min	Max
Temp	40°	90°
Humidity (non-condensing)	20%	90%

APPLICATOR MODULES

- Wipe (merge)
- Tamp
- Dual Panel Tamp
- Corner Wrap
- Blow
- Tamp-Blow
- Smart-Tamp
- Pneumatic Roll-On

ADDITIONAL OPTIONS

- Conversion to preprinted label applicator
- Mounting stand (many to choose from)
- Product detection sensors (many to choose from)
- 3-Color warning beacon
- Dual label application sensing
- Basic product handling