

LABEL COUNTING/INSPECTING REWIND MACHINE

WEB TECHNIQUES



MODEL WT-25LCI

SYNCHRONIZED STROBE LIGHT FOR HIGH-SPEED VISUAL INSPECTION

PHOTOELECTRICALLY COUNTS THE NUMBER OF LABELS ON A ROLL

FEATURE:

- **STROBE LIGHT** flashes with each label to provide a "Stand Still" effect.
- **PEDESTAL-MOUNTED HIGH-VISIBILITY COUNTER**
 - ... **Dual Preset.** Set deceleration and stop points.
 - ... **Large,** bright red LED display.
 - ... Counts in 10-inch increments (12-inch or metric increments optional).
 - ... **Automatic Reset to Zero.** in length mode for winding repetitive roll lengths. In photoelectric mode, label count is preserved until operator presses the manual reset button.
 - ... **Bi-Directional Counting.** Counts down automatically in length mode when material is manually pulled backwards. When counting photoelectrically, a "Count Up/Count Down" switch is used to change the count direction.
 - ... **EEPROM Memory.** Retains data with power off.
- **OVERSIZE TABLE TOP** with extra web length provides more stopping time when defects are observed.
- **THRU-BEAM SCANNER INCLUDED** for counting normal pressure-sensitive and punched-hole labels. Optional scanners available (consult factory for your particular requirements).
- **RAZOR BLADE SLITTING ATTACHMENT AVAILABLE.**
- **REVERSIBLE REWIND.** Wind labels in or out.
- **ADJUSTABLE BRAKE** to control web tension.
- **CHOICE OF COREHOLDER STYLES:**
 - ... Lift-off Cam-lock (mechanical)
 - ... Air inflatable
- **STAINLESS STEEL TOP** with smooth, rounded corners and 4-inch high backrail.
- **TAPE DISPENSER**

GENERAL INFORMATION

The WT-25LCI incorporates many features that make it a practical alternative to expensive upright slitter/rewinder machines. It has an automatically synchronized strobe light that flashes with each passing label. This provides a "Stand Still" effect permitting the operator to evaluate label print quality at high running speeds.

The oversize table top and long web path provide additional stopping time when a defect is observed before it is wound onto the rewind roll. The large table top also makes the WT-25LCI an ideal web handling platform for such devices as bar code validators, optical character recognition (machine vision) systems, and imprinting devices.

Additionally, the highly refined photoelectric counting system makes this machine well suited to the pharmaceutical roll label printing and packaging industries where label count reconciliation is required. For simple operations, the counting system can be set to operate in the length counting mode.

PHOTOELECTRIC COUNTING SYSTEM

A thru-beam type scanner is supplied as standard equipment. The web passes between a light source and a photodetector. Pressure-sensitive die-cut labels with a space between them appear as dark images to the scanner. This scanner can also be used to count labels with punched holes.

A "Count/Standby" switch allows the unit to retain its count and resume when desired. A "Manually Increment Count" pushbutton allows the operator to compensate for labels that have passed the scanner location during initial set-up. When used in conjunction with the "Count Up/Count Down" switch, the operator can also subtract counts when removing labels or pulling the web backwards.

An indicator light reminds the operator that the counter is in the "Count Down" mode and must be returned to the "Count Up" mode before resuming normal operation.

SPECIFICATIONS

MAXIMUM WEB WIDTH	7 inches (17.78 cm), optional 10 inches (25.4 cm)
MAXIMUM UNWIND DIAMETER	24 inches (61 cm)
MAXIMUM REWIND DIAMETER	18 inches (45 cm), optional 24 inches (61cm)
COREHOLDER	1 pair 3-inch (7.62 cm), diameter lift-off cam-lock, (Air coreholders optional)
POWER REQUIRED	108-130V 50/60HZ, 1 Phase, optional 208-240V 50/60HZ, 1 Phase
SHIPPING WEIGHT	400 Pounds (181 kg)

ELECTRICAL SYSTEM FEATURES

The electrical system was designed for high reliability, safety, and ease of maintenance. Special attention was also given to providing for future expansion. Spare terminals at strategic points make it easy for customers and systems integrators to connect auxiliary equipment. This includes terminals to connect "Stop" signals from external apparatus and terminals to operate other devices when the WT-25LCI motor is started or stopped. A set of spare terminals in the photoelectric counting system makes trigger pulses available to such devices as bar code readers and imprinters.

OPTIONAL EQUIPMENT

- Razor blade slitting attachment
- Other diameter coreholders
Standard Sizes: 1", 1-1/2", 1-5/8", 2", 4", 6"
Special order sizes available
- Coreless rewind adapter
- Air inflatable coreholders
- Air coreholder foot treadle actuator
- 24-inch (61 cm) diameter rewind capacity
- 12-inch incremental counter
- Metric incremental counter
- Splicing aid
- Splice detector - also functions as an automatic roll end shut-off.
- Bar code validation system
- Ink jet imprinting system
- Constant web speed control (for inspection or imprinting devices)
- Label error detector systems for detecting missing labels, missing punched holes, unremoved matrix
- Clear/low-contrast label detection system (capable of detecting clear labels on a clear liner)



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