

To comply with the Drug Supply Chain Security Act (DSCSA), there are many types and levels of packaging that need to be serialized and levels of packaging to be aggregated.

To help pharmaceutical companies with their serialization initiatives, the LSI by ID Technology Serialization Series of labeling systems is designed to work with your Management Execution Software (MES) to allow for accurate labeling, serialization and aggregation on a platform that is proven in the industry

Model 1922 is a manual case packing station that incorporates a case loading area, inspection/barcode station and print-apply labeler. .



# Model 1922

Manual Case Packing, Aggregation & Labeling System

## Operation:

The Model 1922 is LSI's print & apply solution, for packing, aggregation and labeling of pharmaceutical cases.

In a typical operation, case label data is transmitted from the MES host to a print & apply labeler. A green light indicates that the data has been received and the 1922 is ready.

An operator erects a case and positions it in the fixture on the tabletop, leaving the top flaps open.

When a case is detected in the fixture, the print & apply labeling head tamps a serialized label on the side panel of the case and wipes it across the leading panel.

An inspection camera reads the case label that was just applied. If the label passes inspection, a green light illuminates. If the label is missing or fails inspection, a red light illuminates, directing the operator to the MES HMI for further processing.

Unit cartons or bundles of unit cartons are placed into the case with the bundle labels facing up. When a layer is complete, the operator presses a button to trigger a camera to scan the labels for all bundles on that layer. If all labels are readable and all bundle codes are valid, a green light signals the operator to pack the next layer. If any of the codes are unreadable or invalid, a red light directs the operator to the MES HMI, where the problem bundle is highlighted. The rejected bundle is then removed for rework.

When the last layer in the case is successfully scanned, the green light begins to flash, directing the operator to remove the case from the fixture and seal the case.

Optional versions of the Model 1922 utilize a hand scanner for aggregation scanning of units/bundles to the case.

## Features:

- Allen Bradley PLC controls: Micrologix or Compact Logix
- Metric scales with pointers on all user adjustments
- Integrates with MES (Management Execution System) software packages from all major serialization vendors

## Options:

- Panel View Plus color touch screen HMI including:
  - System recipes including all physical and electronic parameters
  - Performance measurement and diagnostic counters
  - Alarm History
  - Three levels of security with Active Server password integration
  - Pack ML Compliant
- Onboard mounting of MES computer
- Stainless Steel Base Frame and Control Enclosures
- IQ/OQ Validation package
- 21 CFR Part 11 Compliance is available when integrating with a compliant software solution.



**Serialization**  
*from unit to pallet*