



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 1921 is a case packing station that incorporates a handheld barcode scanner (optional automatic scanning) and label printer.



# Model 1921

Case Packing, Aggregation & Sealing System

## Operation:

The Model 1921 is LSI's manual solution, for packing, aggregation and labeling of pharmaceutical cases.

In a typical operation, case label data is transmitted from the MES host to a desktop label printer. After the label is printed, an operator scans it with a handheld scanner. A green light illuminates to indicate a valid scan.

The operator then erects a case and positions it in the fixture on the tabletop, leaving the top flaps open and applies the label to the case.

Unit cartons or bundles of unit cartons are manually scanned to aggregate each unit/bundle to the case. A green light indicates a valid scan. The operator then places the unit/bundle into the case.

When the case is complete, 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 1921 utilize an overhead camera for pack by layer aggregation scanning of units/bundles to the case.

An Allen Bradley system PLC manages product tracking and the labeling, rejection and verification process.

## 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*