



**Verify Inserts, Cartons,
Labeled Products, and
Kit Weight During Final
Packaging**



AUTOMATED VISION & BARCODE SYSTEM FOR PACKAGING INSPECTION

APPLICATIONS

Barcode Validation

- Standard 1D/2D (EAN, Code 128, Datamatrix etc.)
- Parse and calculate quantity values
- Parsed data is logged in report
- Sequence control to ensure proper procedure is followed

Checkweigher Integration

- Import product weight tolerances
- Check kit weight before continuing
- Audible/Visual cues for Pass/Fail
- Final reports indicates Accepted/Failed weight tests

Character Verification/Recognition (OCV/OCR)

- Reads text strings in various orientations
- Template match
- Train characters
- Threshold capabilities to optimize print quality

- ✓ **High-Resolution Cameras**
- ✓ **Hand-Held Barcode Scanners**
- ✓ **Configurable LED Lighting**
- ✓ **High Precision Checkweigher**

Every manufacturer knows the risks of allowing packages or products to be manually assembled and visually inspected. This can result in missing or incorrect components in the assembled kit and incorrect copy on printed labels. If allowed to reach the end user, this can potentially endanger the safety of the consumer, trigger a recall, and harm the company brand.

Stop Packaging Errors From
Occurring With Q-Spec™!



INTEGRATION

- Standalone turnkey solution with optional configurability to meet unique requirements
- Off-the-shelf components for reliable and timely support

FEATURES

- Intuitive interface with on-screen cues to streamline setup and project runs
- Import project data from CSV file or work order for match verification during inspection process
- Comprehensive reporting of all inspection types

QUALITY ASSURANCE

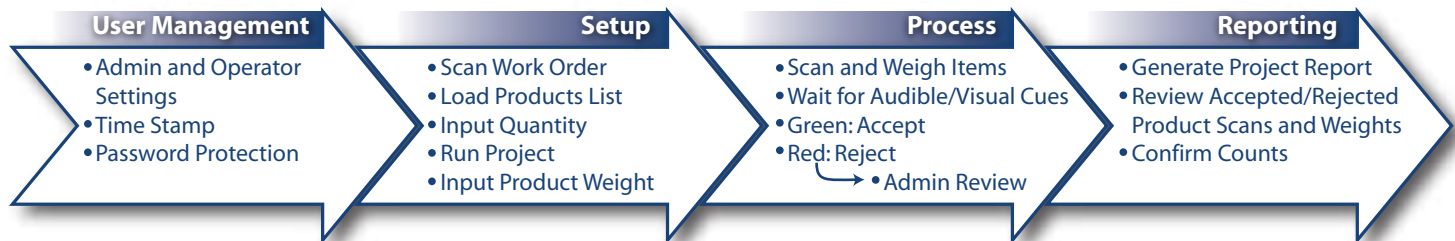
- 21 CFR Part 11 ready; user control and digital signatures with audit trail
- Validation documentation (IQ/OQ-PQ assist)

TECHNICAL DATA

- All-in-One PC, Windows OS, PDF reporting (touchscreen optional)
- Utilize external server for additional storage capacity
- High precision checkweigher with attached stacklight providing audible and visual cues
- Handheld barcode readers; wireless optional



(Above) Production Setup Screen



7500: Vision & Print Inspection Solution

Print and Inspect in One Cohesive Process!

The 7500 print inspection system enhances thermal transfer printing processes by having the ability to inspect pre-printed content, verify 1D/2D codes, and confirming variable data is correct during print runs. Integrating the 7500 print inspection system and the Q-Spec kit verification solution will prevent operators from applying rejected labels to products, improve quality, and increase efficiencies.

Key Benefits:

- Detect Defects in Static/Variable Data and Grade 1D/2D codes In-Process
- Short & Continuous Run Functionality
- Fast Project Setup by Simply Scanning a Barcode to Pull Up Stored Templates



**NEW!
Compact
Design!**



Automated Vision Inspection System
integrated into a Zebra Printer