

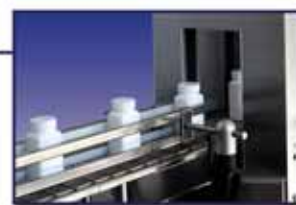
# SENTINEL

## AUTOMATIC QUALITY INSPECTION SYSTEM

The Sentinel is a high-performance automatic quality inspection system. It can be installed downstream of a specific piece of equipment, or at the end of a packaging line. The Sentinel's innovative design allows it to oversee quality production output at speeds up to 300 BPM.

The Sentinel is versatile and can inspect many packaging features on a wide range of containers. With minimal changeover, the sensing unit can be set up to inspect different packaging features, such as cap, cotton, label, or leaflet, from one production run to the next.

In addition, the Sentinel can be easily integrated into new and existing packaging lines with minimal line modifications. With quick set up features integrated into its design, it can be set up in minutes without the use of any tools.



### Benefits of the Sentinel:

- Eliminate sub-optimal product escapes from your packaging lines
- Avoid customer complaints
- Mitigate costly product recalls due to faulty packaging
- Increase the reliability of your packaging lines
- Reduce your quality control costs

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# BELLATRX

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### Features:

The Sentinel is equipped with self-diagnostics to eliminate operator set up errors. Once sub-optimal product is detected, the Sentinel either fires upstream and downstream gates to isolate sub-optimal components, or it fires an actuator to direct the sub-optimal product into a reject tray. The Sentinel's response when sub-optimal product is detected can be configured using an operator-friendly touchscreen.



The Sentinel is outfitted with a green beacon light located at the top of the control box to indicate that the system is armed and operational. A red beacon light and audible alarm are activated upon the detection of an error.

### Technical Specifications:

- Machine speed: Up to 300 BPM
- Container range: Round, Rectangular, Square, Oblong, 1" to 4" Diameter, 2" to 7" Tall
- Closure types: Standard, CR, Metal, Snap-on
- Construction of anodized aluminum, stainless steel and approved plastics
- Power requirements 120VAC-1PH-60HZ, 15 Amp
- Air requirements: Less than 2 CFM @ 90 PSI when fitted with a reject system
- Machine weight and dimensions:
  - Control Assembly is 65 lbs & 70" tall from floor to the top of the stack lights
  - Control box is 23" long x 16" high x 9" Deep
  - Inspection station will vary based on configuration
  - Inspection space required: 6"-32" of linear conveyor
  - Reject space required: 8"-12" of linear conveyor

### Features of the Sentinel:

- The Sentinel is capable of inspecting the following:
  - Upright/fallen container
  - Cap presence and skewed cap
  - Cotton presence & high cotton
  - Product fill level
  - Presence of leaflet, label, foil, and band
  - Reject confirmation when outfitted with a reject system
- Operator-friendly touch screen panel with onscreen setup sheets
- Easily integrated into existing packaging lines
- Reconfigurable to suit different inspection requirements
- Legible scales on all adjustments for quick and easy change-over
- Self diagnostics to eliminate operator set-up error

As part of continuous improvement, BellatRx Inc. reserves the right to change specifications at any time without prior notice.

Represented by:

**BELLATRx**