

CAPQ™ | VISION INSPECTION SYSTEM

AI-powered 360° inspection that helps you catch rejects, avoid false-rejects and keep a record of every bottle.

The CAPQ System is an AI-Powered vision inspection system that detects micro-detail at high speed, capturing and storing a clear 360° image of every bottle that passes through. Designed for food, beverage and consumer goods markets, the system can deliver a dramatic reduction in false-rejects, saving on wasted material expense.

CAPQ Systems Catch Everything

A CAPQ machine uses AI-powered deep learning software to recognize what a “good” bottle is supposed to look like and reduce process variation. So it knows what to keep and what to reject. This includes detecting or ignoring specific bottle features.

Detect:

- ✓ Caps: placement, height and skew
- ✓ Tamper bands: torn, pinched, broken, separated
- ✓ Fill level on clear & colored contents

Ignore:

- ✓ Plastic shards and nibs
- ✓ Water droplets
- ✓ Foam in carbonated beverages

Built for High Throughput

Offering a Nema 4X/IP65 durable stainless steel enclosure, a CAPQ system is ideal for high throughput environments and can inspect up to 1,000 bottles per minute. The unit fits easily over an existing conveyor for quick and easy line integration and offers recipe-driven automatic height adjustment.

ALL SYSTEMS EQUIPPED WITH

- ✓ A.I. False Reject Suppression
- ✓ Stainless Steel Construction
- ✓ Automatic Height Adjust
- ✓ High Intensity LEDs
- ✓ Report & Audit Logs
- ✓ Multi-Touch Monitor Interface
- ✓ Easy Conveyor Integration
- ✓ 2-Click Changeover Interface



Boost Efficiency Up & Down the Line

CAPQ Systems can help you identify upstream issues by capturing more runtime data on production flow. This helps process engineering understand and address production problem areas.

- ✓ 360° inspection ensures every bottle is a “good” bottle
- ✓ Increases line efficiency by revealing trends and early indicators to increase OEE
- ✓ Optimizes line setup by providing real-time feedback on every SKU
- ✓ Recipe-based software for “2-click” changeover & simple setup process for new recipes
- ✓ Lowers cost of scrap and rejection

Technical Data	Product Details
Dimensions (Height x Width x Depth)	52.9” (1344 mm) x 24.1” (611 mm) x 54.1” (1374 mm)
Max Cap Size	1.5” (38 mm)
Max Product Height	12.9” (330 mm)
Connections	110-120 VAC, 50/60Hz, Single Phase
Communication	Ethernet
Lighting	White LED, Strobging
Nema Rating	NEMA4X/IP65 stainless steel housing

About Verista

Verista offers transformative compliance, automation, validation and packaging solutions to leaders in the food and beverage, pharmaceutical and life sciences, nutrition and supplements, and manufacturing industries. Our team of 500+ experts offers a uniquely broad perspective, industry-specific knowledge and a commitment to quality. They build and apply effective, repeatable processes that drive positive results for our clients.

Contact info@verista.com today to learn more or request a virtual demo.