

CCPX-Pack™

Automated Packaged Food X-ray Inspection System

The **CCPX-Pack™** X-ray System is specifically designed for the automatic inspection of small to medium sized packaged products.

CCPX™ is a revolutionary improvement to x-ray technology availability (or uptime). Availability is one of the biggest hurdles in deploying x-ray technology in critical control points. **CCPX™** enables customer maintenance personal to service any aspect of the machine with minimal training by grouping all internal components into five modules which plug-and-play (Cooling, HMI, Processing, I/O, and X-ray modules). No need for software or mechanical alignment procedures. The ability for the customer to maintain this equipment with their own personnel, coupled with our new one button automatic setup, enables rapid resolution of any problem, therefore maximizing up time.

Using the **HyperSwitch™** processing platform, this system can simultaneously detect product defects such as:

- Foreign Objects (Metal/Glass/Stone)
- Shape
- Weight/Mass/Fill
- Item Count/Item position
- Presence/absence of an item

Feature Highlights

- **CCPX™** architecture eliminates the need for highly trained personnel to maintain and setup
- **HyperSwitch™** software allows mixed product, multilane inspection, and random spacing
- **HyperSwitch Bene™** software automates product setup for contaminant and weight
- Random product spacing and orientation
- Conveyor and processing speeds up to 200 FPM standard, higher available
- Full rectangular tunnel aperture coverage with no missed upper corners
- USB memory stick for spreadsheet formatted reports and software upgrades
- Ethernet interface for Internet Live support, software maintenance, and diagnostics
- IP66 rating with closed system A/C cooling, plus IP69K Inferred Touch screen
- Conveyor belt is FDA approved and can be easily removed for cleaning with no tools
- Air-blast, push-arm, drop chute and retractable nose conveyor rejecter mechanisms
- Small footprint in 100% stainless-steel construction
- Infrared touch screen and laser etched labeling for full pressure cleaning

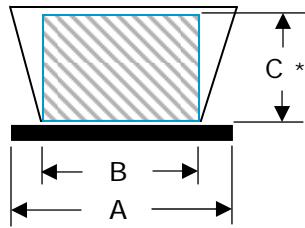


Model CCPX-Pack-1006 Shown.

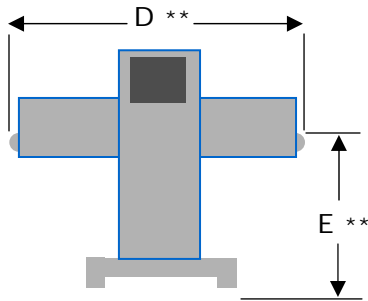


Technical Overview

Inspection Size



Conveyor size



Model Number	A	B	C	D	E
CCPX-Pack-1006-XXXX	11.25	10.0	6.0	60.0	31 – 35**
CCPX-Pack-1408-XXXX	16.0	14.0	8.0	60.0	34 – 38**
CCPX-Pack-1604-XXXX	16.0	16.0	4.0	60.0	38 – 42**

* Active area is completely square, no missing corners

** Custom conveyor heights and lengths available. Add 16" for standard integral rejecter option.

*** Model number (XXXX) is the x-ray power, e.g. 5002 for 50Kv/2ma

Key Technical Specifications

Belt Speed	Up to 200 FPM maximum
Belt Width	12 to 16 inches
Inspection Rate	Up to 1500 packs/min
Contaminant Detection	0.6 mm SS sphere minimum Metal/Stone/Glass (note 1)
Detection Aperture	Full rectangular coverage
Power Service	230VAC 50/60Hz 10Amp 1Ø
X-ray Generator	20 to 80 keV, 200 Watt
Display	12" Infrared touch screen rated IP-69K
Processing System	HyperSwitch™ on QNX O/S
Communication	TCP/IP over Ethernet
Cabinet	100% 304 stainless steel with laser etched labeling
Conveyor	Medium friction, FDA Compliant, Polyurethane
Temperature	0 to 30°C (32 to 100°F) with closed system AC cooling
Environment	IP66
Reject System	Air blast or Push-arm, Drop Chute, or Retracting Nose
Setup	One button automatic contaminant and weight
Report / Archive	USB Memory Stick, SQL Database over Ethernet, OPC

Note 1 – Performance is product dependant. Ask for our free comprehensive test report



Tool-less conveyor disassembly



CCPX Plug-N-Play X-ray Module Swap

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