



Thermo Scientific Xpert C600
X-Ray Inspection System

- Detects foreign objects
- Verifies product integrity
- High power for large packages

high performance

inspection to protect your brand

The Thermo Scientific Xpert C600 x-ray system offers a wide and tall aperture for larger products such as cases, bags and trays. It is ideally suited for end of line inspection and comes standard all the same industry leading capabilities as other Xpert models.

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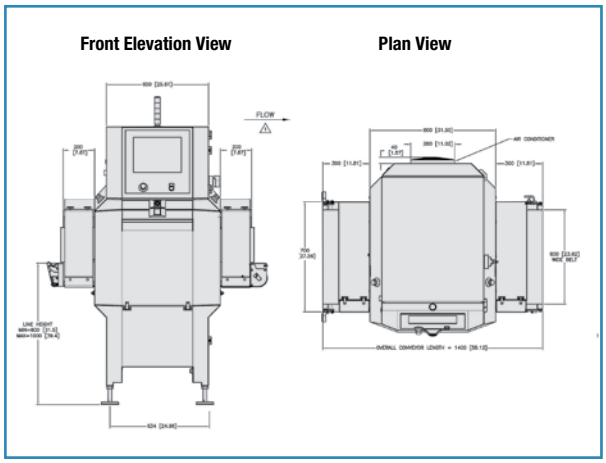
Thermo Scientific Xpert™ C600 X-Ray Inspection System

Application and X-Ray Specifications	
X-Ray Power	80 kV, 2 mA (160W)
Detector Scan Rate	Up to 2800 lines/second
Detector Resolution	0.8mm only
Detection Algorithms Available	Binary, Contrast, Gradient, Groups, Morphology
Inspection Algorithms Available	Weight, Count, Grid and customizations
Aperture Width and Height	See beam coverage drawing
Belt Speed Range	10 m/min to 80 m/min (33 ft/min to 263 ft/min)
Multilane Operation	Up to 8 lanes
Conveyor Heights Available	800 mm to 1400 mm (31.5 in to 55 in)
Conveyor Lengths Available	1.4 m (4.6 ft) standard, others available on request
Belt Material	FDA approved urethane
X-Ray Curtain Material	Proprietary no-lead material
Safety/Security Features	X-ray power key, emergency stops, radiation curtains, LED X-ray imminent/on lights, all doors
	equipped with magnetic interlocks
Human Machine Interface (HMI)	15-inch diagonal touchscreen with protective cover
Interface Languages Available	English, Spanish, Italian, French, German, Chinese; Others available on request

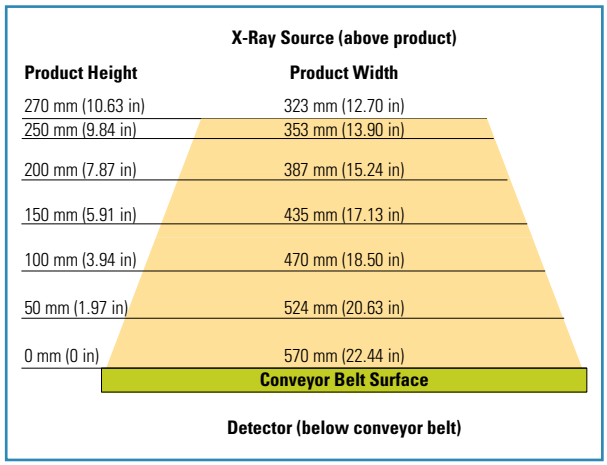
Environmental, Electrical and Operational Specifications	
Operating Temperature	+5°C to +40°C (+41°F to +104°F)
Machine Cooling	Built-in 2083 BTU (610 W) cabinet airconditioner
Relative Humidity	20% to 90% non-condensing
Electrical Input	190 to 240 VAC, 50/60 Hz, 20-amp service
Digital Outputs	4 available
Digital Inputs	6 available
USB Port	2.0, watertight port on outside of machine
Network Port	Ethernet
Compressed Air (for rejection devices)	80 psi to 100 psi (5.5 bar to 6.9 bar)
Machine Weight (standard model)	500 kg (1102 lbs)

Conformance Tests and Certifications	
Radiation Safety Conformance	FDA CFR 21 part 1020.40, UK IRR 1999, RED act (contact factory for other regional certifications)
Export/Safety	CE, UL or CSA 508A on request (verified by ETL)
Intrusion Protection Rating	IP 54 or IP65

Thermo Scientific Xpert C600 X-Ray Inspection System Dimensions



X-Ray Inspection System Beam Geometry



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Literature Code PI.0103.0114