

Thermo Scientific NextGuard Pro

X-ray inspection with rugged,
flexible material handling

The Thermo Scientific™ NextGuard™ Pro X-ray Inspection System builds on the proven success of the standard Thermo Scientific™ NextGuard™ C330 and C500 models by adding more configurations and capabilities, expanding the range of addressable applications.

The Pro models offer a wide range of single-belt configurations with built-in rejection systems, shielding, heavy duty motors/rollers and stainless steel flange bearings for more demanding large package and wet applications. The conveyor can handle up to 5x more weight and can be extended in length up to 3.5 m with flexible, integrated, built-in rejection systems. The Pro can also utilize up to three AC variable frequency drives, making complex, multi-conveyor custom configurations possible.



Thermo Scientific NextGuard C330 Pro with built-in rejection system

Features:

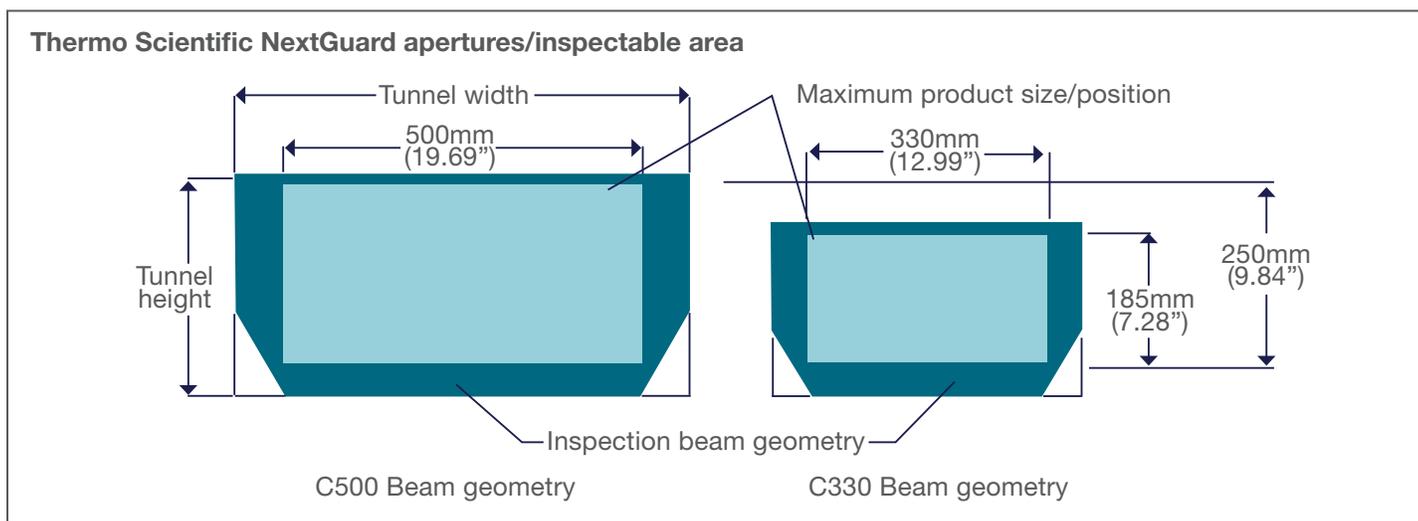
- Same base features, capabilities and ease of use as the standard NextGuard models
- Heavy-duty stainless frame, optional wheels
- Extendable in-feed and out-feed conveyors
- Easy disassembly for belt replacement
- Heavy-duty rollers, flange bearings and AC gear motor drive
- Available built-in reject bins with locking doors and reject verify/bin full
- Shielding to meet radiation requirements anywhere in the world
- Design flexibility for customized configurations



Thermo Scientific NextGuard Pro X-ray Inspection System

Note: Refer to the NextGuard literature for complete specifications. Only items unique to the Pro models are shown here. All NextGuard standard features and options are available on the Pro models.

Application and X-ray specifications	
Maximum Product Weight on Conveyor	C330 Pro and C500 Pro: 50 kg (110 lbs)
Conveyor Heights	800/950/1100 mm (31.5/37.4/43.3 in) ± 75 mm (3.0 in)
Conveyor Length	1.5 m (59 in) standard with optional conveyor ends extending the system 200/400/600/800/1000 mm (7.9/15.8/23.6/31.5/39.4 in) on either the infeed or outfeed ends.
Roller Diameter	70 mm (2.8 in)
Motion System	AC gear motor driven by variable frequency drive (VFD). Up to three VFDs to drive the system and two external conveyors.
Bearing Type	Stainless steel flange
Frame	System always utilizes a single stainless steel frame. Locking wheels optional.
Environment, electrical and operational specifications	
Electrical Supply	195 VAC to 250 VAC, 50/60 Hz, autosensing, single phase, X amps
Machine Weight	Contact factory
Conformance tests and certifications	
Radiation Conformance	FDA CFR 21 part 1020.40, RED act (Canada) and others. Note Canada, UK, Spain and France require additional shielding



Find out more at thermofisher.com/nextguard