

15" Touch Screen Control Panel

Simple operation with complete diagnostics display and histogram



Designed to Food Industry Standards

Fully enclosed and interlocked cabinet
Stainless steel, washdown construction



G20 Compact

Without integrated reject
Separate reject systems available



**Conveyor based X-ray Inspection System
for packaged, loose and bulk flow products**

Autopac Systems design and manufacture in Australia a range of X-ray Inspection Systems for use in the food and pharmaceutical industries to inspect product and automatically identify metal and non-metal contaminants, mass variations (checkweighing), missing or broken product, packing voids and fill levels.

The G20 series offers efficient and reliable contaminant detection with simple Windows based operation.

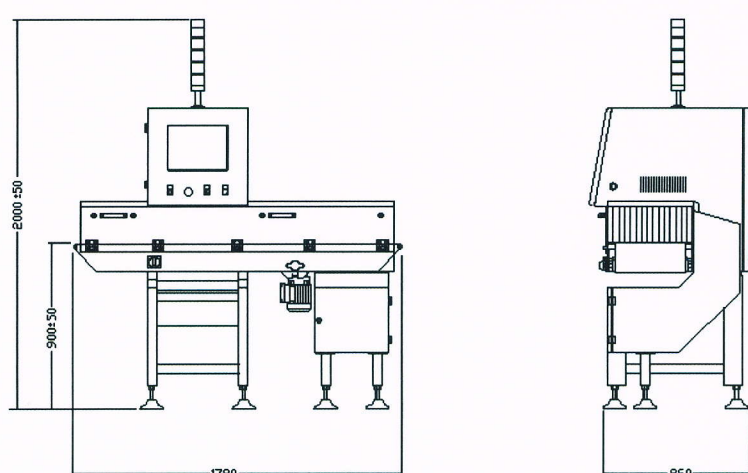
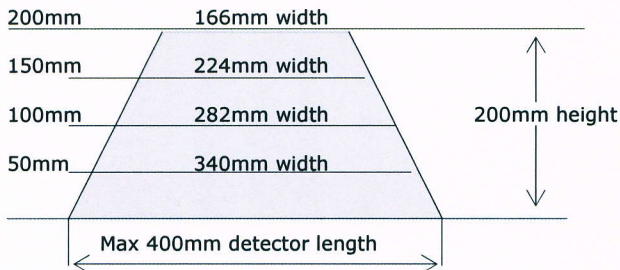
Features include:

- User friendly operator interface, 15" full colour touch screen.
- Easy to operate with storage for 200 different product settings.
- High quality density and contrast contaminant detection.
- Up to 400mm width x 200mm high product inspection area.
- Inspection rate of up to 800 packs per minute
Or 4 ton/hr for the Bulk Flow version.
- Up to 50,000 reject image storage, which can be reviewed during production or downloaded.
- Reject and bin full verification.
- USB port for downloading of production data and reject images.
- Ethernet network interface - optional.
- Integrated or separate reject systems.
- Multi-Lane systems available, from 2 to 8 lanes with single or multiple rejection systems.

Systems are designed for washdown environments and are manufactured to comply with the Australian NHMRC requirements for X-ray equipment.

G20 series

X-ray Inspection

Packaged products	G20 series system for packaged products can be configured to suit individual applications, with integrated or separate reject devices and reject accumulation systems.
Bulk Flow products	G20BF series suits conveyed loose and bulk flow products, available with single or multiple lane rejection systems and inspection widths up to 400mm.
External dimensions	 <p>G20: 1780mm overall length with integrated reject device and reject bin G20 Compact: 840mm overall length without integrated reject</p>
Product Inspection Area	
Specifications	
Generator	50 or 70Kv, low energy technology for optimal sensitivity
Inspection widths	150, 200, 250, 300, 350 and 400mm
Detector	High resolution linear array with 0.8mm diodes (0.4mm diodes optional)
Operator Interface	15" colour touch screen display
Processor	PC based with Windows XP operating system
Product library	Up to 200 different product settings
Image display	Inspection images in real time with complete diagnostics and histogram
Mass inspection	Checkweighing or Mass Measurement Inspection, typ. accuracy of better than +/- 0.5%
Calibration	Full automatic system calibration
Inspection rate	G20: Up to 800 products per minute (subject to product type and dimensions) G20BF (Bulk Flow version): Up to 4 ton/hr (subject to product density)
Conveyor belt speed	Adjustable up to 120m/min
Construction	IP65, stainless steel, bead-blast finish
System cooling	Integrated self-contained air cooling unit, ambient temp. 0-40 deg C
Reject devices	Integrated or separate rejects available
Electrical	240v, single phase, 50Hz, 10amp
Pneumatic	8 bar pressure, single compressed air supply for rejection device only
	Specifications are subject to technical changes

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