Designed for Tall Rigid Containers

G35 System

The Sapphire G35 is designed specifically for tall rigid containers such as glass jars and cans.

Designed to adapt to the processing needs of your product. The G30 can be built with a conveyor or can sit over an existing conveyor (useful for glass jars and bottles where the transfer from one conveyor to another can cause problems).

Sapphire's G35 incorporates dual linear array technology, unrivalled for its sensitivity, speed and sophistication. This dual detector technology ensures that even very thin materials, such as a thin glass shard within a thick glass container, are detected.

Available with automatic inspection height adjustment to ensure optimum performance.

Superior Performance

— Dual detection technology to check for glass shards in glass containers.
— Contaminant detection (metal, stone, glass, bone and certain plastics).
— Confirms fill levels.
— Automatic set-up.
— Confirms fill levels and container integrity.
— Designed for washdown environments for easy dismantle and cleaning.

Key Features

▶ Designed to fit onto existing conveyor or conveyor can be included.

▶ Inspectstall jars and cans.

▶ Horizontal and vertical inspection to detect the thinnest glass shards.

▶ Quick and easy wash down

▶ Easy user interface and controls
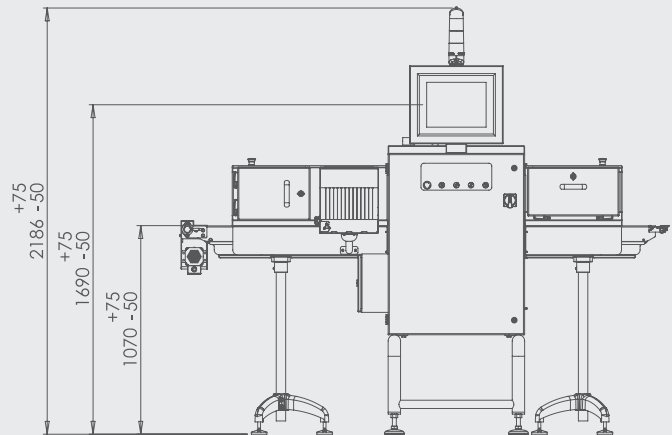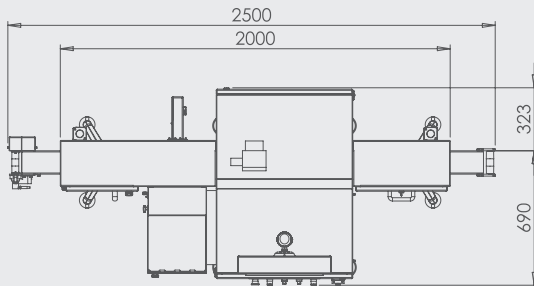
▶ 24-hour worldwide system support

Specifications

G35 Specifications

Technology	Computer-controlled dual line linear array
X-Ray Generator	Various specifications up to 75kV
Conveyor Speed	0-60 m/min computer controlled
Detector Array Length	Dual detectors up to 2 x 256 mm
Maximum Line Rate	4000 lines per second
Resolution	4096 grey levels per pixel
Video Display	15" colour touchscreen with real-time images and diagnostics
Calibration	Self-Calibrating during normal operation
Detection Limit	1.0 mm stainless steel, 2.5 mm glass typical
Inspection Rate	Up to 250 packs/minute
Power Requirements	110 VAC or 200-240 VAC at 750VA
Dimensions (LxWxH)	1355 x 1800 x 3110 mm

Pembroke College
Cambridge

Corporate Partner of Pembroke College, Cambridge

Sapphire – Always at the forefront

Formed in 2006 from founding research and design parent company Cheyney, Sapphire is renowned as the innovator of low energy inspection.

With stellar designers and Cheyney technology, our Sapphire systems are quick to install, easy to use and unrivalled in the industry for speed, sensitivity and sophistication of detection.

SafeContractor APPROVED