PRESSURE DETECTION
Detects low and high pressure in cans and glass bottles with high accuracy through multiple laser scan points.
FILTEC's AURAtec distinguishes between low and high pressure containers by combining a variety of technologies to create a dynamic 3D image. Multiple adaptive algorithms evaluate the image in real time at speeds up to 1200 cpm. The AURAtec self-adjusts to facilitate three axis (x,y, and z) of container positioning variances commonly found during normal production, radically reducing false rejects.

**Reliable Pressure Detection:**

- Compact machine footprint for easy installation
- Easy installation and configuration
- 3D laser sensor
- High speed image acquisition: 25K Hz
- 100 mm field of view
- 2 micron resolution
- i5 high speed processor
- Easy integration with other FILTEC inspection systems

**System Highlights:**

- Easy installation and configuration
- High speed image acquisition: 25K Hz
- 100 mm field of view
- 2 micron resolution
- i5 high speed processor
- Easy integration with other FILTEC inspection systems

**Dimensions:**

Image map of a beverage can with an acceptable pressure profile. Image map of a standard crown with a low pressure profile.

The graphs above indicate detection ranges over a number of standard containers. For common aluminum beverage cans, the detection margin between acceptable and dud cans is nearly six sigma, indicating exceptional accuracy. The graph recording crown detection rates on a common glass bottle indicates a similarly consistent detection margin for standard crowns.