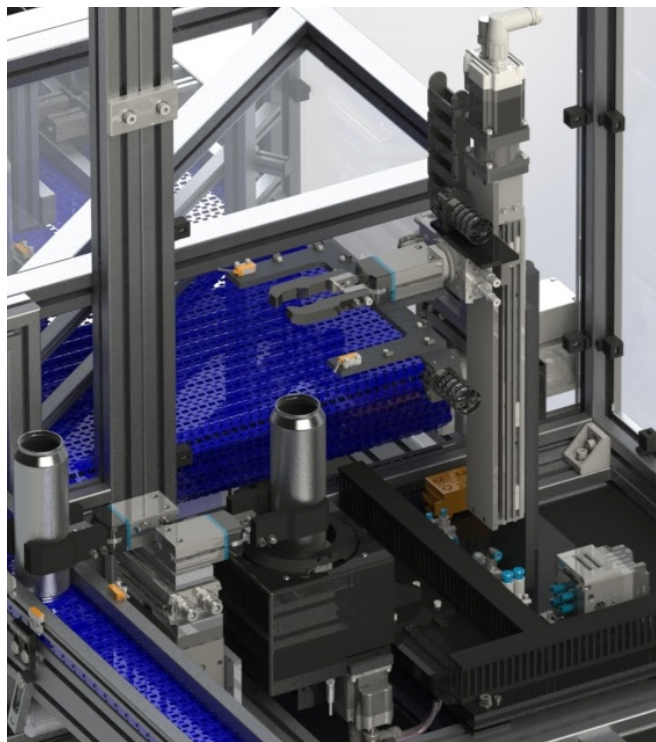


Z705 Body Maker (BM) Recognition System



The Z705 Body Maker Recognition Module is the latest release to provide traceability to measurement data supporting process control within the Beverage Can packaging industry.

Designed to be integrated into all new and existing Torus gauging systems, unlike its predecessor, the new Z705 Body Maker Module has an inbuilt turnover option, and can operate universally in conjunction with both Z301 Trimmed Can Inspection and Z302 Finished Can Inspection, offering traceability on both trimmed and finished components within one measurement system.

The Z705 Body Maker Recognition Module operates both single and double-digit Alphanumeric Code, without any influence from the application of Body Maker underlining, vent holes or spray head traceability markings.

Integrated with Torus' GaugeXplorer software, the Z705 adds process traceability to components measured within additional gauging modules. With advanced through-put control, the sampling for each Body Maker can be set at a target rate, to ensure an equal distribution of measurement results.

How it works

A Multi-Segment illumination source, operates simultaneously with image acquisition, rotating around an optimal search area, collecting multi-image captures throughout the range. Using latest Photometric Stereo post image control processing technology, a high-quality result against a pre-defined model is identified. The Body Maker recognition

result is then tagged to the component for measurement result traceability, reported in conjunction with measurement data results.



Benefits to your business

- > Trimmed and finished components within one Body Maker camera module (previously, limited to either Trimmed or Finished due to product handling restrictions)
- > Measurement Data process traceability control for both trimmed and finished components.
- > On-site customer training capability (previously completed remotely due to complex nature of training.)
- > Torus report screens for Body Maker sampling control.

Measurement Features:

| Feature | Accuracy |
|----------------------------------|----------|
| Body Maker Character Recognition | > 95% |

Technical Specification:

| Capabilities | Typical Range |
|------------------|--------------------------|
| Can Range | 202 - 307 body diameters |
| Can Materials | Aluminium / Steel |
| Can Height Range | 87 - 210 mm |

