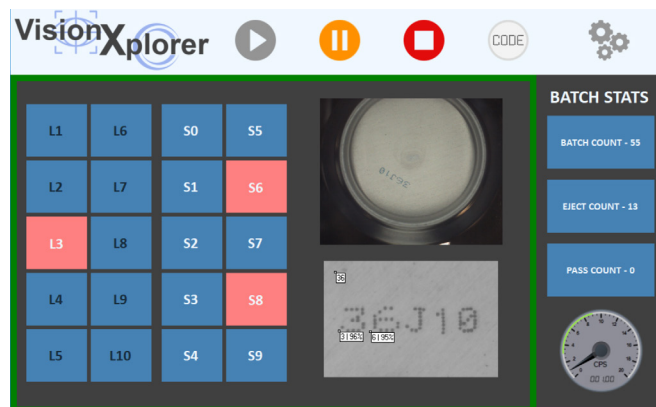
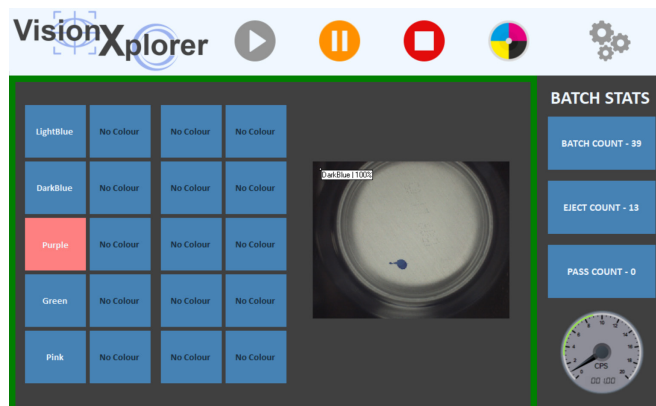



Z701 End-of-Line Recognition and Sorting Vision System



 **ELECTRICITY**
100-240 Volts / 50-60 Hz

 **COMPRESSED AIR**
5 bar / 73 PSI

 **WEIGHT**
50kg (estimate combined weight of assemblies)

 **DIMENSIONS**
N/A

Torus' Z701 Vision Sorting System provides many benefits for can makers operating a sorting line.

The Z701 Vision Sorting System has been developed specifically to meet customer end-of-line sorting requirements to facilitate sorting of HFI (Hold For Inspection) pallets to reduce manual work.

Measured Features:


- > **UV Base Rim Coat (BRC) Presence**
- > **Visible/UV Spray Dot**
- > **Visible/UV 2 & 5 Digit Dot Matrix Character Code**

Key Features

- > High-resolution 5-megapixel camera and lens
- > High-power, strobe, white 'flat dome' lights, with high-speed timing and lighting controller
- > Optical coated, scratch resistance transfer plate
- > Protective guarding
- > Software and licences for colour dot recognition
- > Software and licences for character recognition
- > Batch information, inclusive of reject and re-palletize count and percentage

Benefits to your business

- > Customers have the ability to sort HFI pallets by ISG or by UV Base Rim Coat presence
- > Sorting system can check for UV Base Rim Coat (BRC) presence, visible/UV spray dot or dot matrix character code
- > Reduce manual inspection which often leads to rejects being missed and slower sort speeds.
- > Saves operator resource
- > Eliminates chance of reject cans reaching the customer
- > Network compatible for remote access
- > Pedestal can be positioned up to 10m away from the vision system, meaning customers can review image captures from the production floor

 Click [here](#) to view the video



Specifications and Features

The Z701 integrates directly into an existing end of line sorter with minimal adjustments required. The system can be integrated into an existing or new sorter - Torus work closely with the customer's chosen integrator to ensure a successful installation. A site survey is carried out by both parties to agree the suggested location for the integration.

Cycle Time/Throughput

Designed with flexibility in mind, the system can achieve speeds of up to 12,000 cans per hour, meaning a 9,000 can pallet can be sorted in just **45 minutes**.

Software

Supplied with Torus' BRAND NEW **VisionXplorer** software developed specifically for use with this system. **VisionXplorer** is a sophisticated recognition software configured for both colour dots and dot matrix characters and operated by a touch screen monitor for ease of use. It also offers quick and easy setup.

VisionXplorer provides live run statistics such as can count, eject count and eject percentage and has the ability to measure between percentages and quantity units. Configurable to match customers line and gun configurations.

