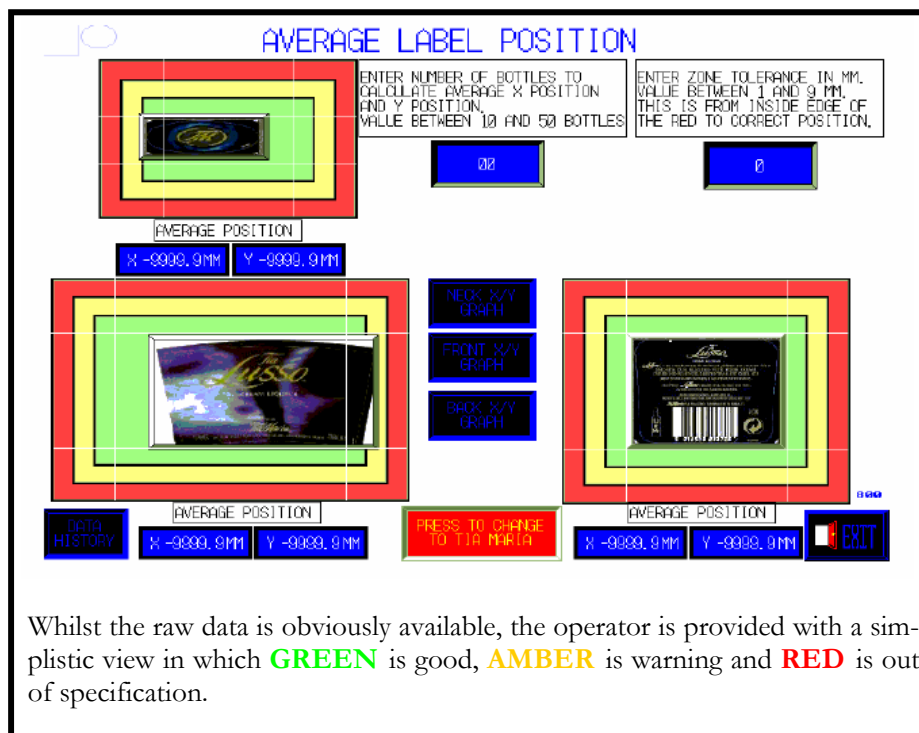


## Label Inspection Systems -LIS-

**Mapex Inspection** provide a range of technologies for *Inspection, Sorting & Handling* on packaging lines. Included in the range are variety of label inspection systems – these devices can either be stand-alone or can be integrated into other inspection equipment on the production line.

**Label Presence** inspection confirms the application of a label. **Label Placement** inspection confirms that it is the correct label and that it is in the correct place. Certain security tags, tamperproof seals and tax strips can be considered simply as labels.

**Advanced Label Placement** inspection using multiple cameras can be used to determine the XY and skew of a label relative to a fixed datum.



The equipment uses a 12" colour TFT touch screen as a programming console and display and a moving representation of production is provided as above. This touchscreen can be shared with other inspection modules.

**Macro** inspection can confirm that an entire label is present. **Micro** inspection can confirm that a feature is present ( IE. a differentiating detail on a particular label ). User selection of product from a menu structure allows ease of recall of pre- programming ( IE product – size – configuration )

**Label Presence**

***Standard***

- Label Presence
- LED Display

***Optional***

- Single or Multiple Label
- Stand-alone or Integrated
- Bar Code Verification
- Variable Speed Operation

**Rejection Options**

*Label **presence** inspection can be conducted with orientated, or randomly presented containers*

**Label Placement**

***Standard***

- XPosition Control
- YPosition Control
- Skew Control
- Colour TFT Touchscreen
- Self Diagnostics
- HELP facility
- Programmable Line Controls
- Management Information
- Batch Counter
- Advanced Password Protection
- Auto Maintenance Programme
- Menu structure selection
- On-screen programming

***Optional***

- Single or Multiple Label
- Stand-alone or Integrated
- Macro / Micro Inspection
- Correct Cap Confirmation
- Bottle Orientation
- Code Verification
- Servo Height Adjustment
- Bar Code Verification
- Colour or Mono
- OCR / OCV
- Ethernet
- Modem
- Data Collection & Archive
- Container Tracking
- Variable Speed Operation
- Memory Card Back-Up
- Rejection Options

*NB. Label **placement** inspection requires that containers are orientated.*

The **Mapex Inspection** equipment range is designed for **maximum flexibility**. All equipment combines the principles of user friendliness, simplicity and robust build. Furthermore our extensive range of equipment, is **modular**, it can be configured to suit specific user needs now or in the future !

Please note that the Mapex Vision Technology which is applied to label inspection can be similarly applied to all manner of other critical inspection functions on a packaging line.

An extensive reference list is available for Mapex Inspection Equipment.

**If in doubt please ask !**



# Mapex Inspection

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