



PRODUCT INFORMATION SHEET

Z601 Series – Automatic EOE Progression Inspection System

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The TRAC Measurement Systems EOE Progression Gauge has been developed to complement your Automatic Shell Inspection systems used widely throughout the Metal Packaging Industry. The system incorporates two Non Contact Laser Sensors, mounted in differential on a rigid caliper, the component location table is then traversed under CNC control to the required position by a 3 axis stage and the EOE rotated to the required position for inspection of each selected feature.

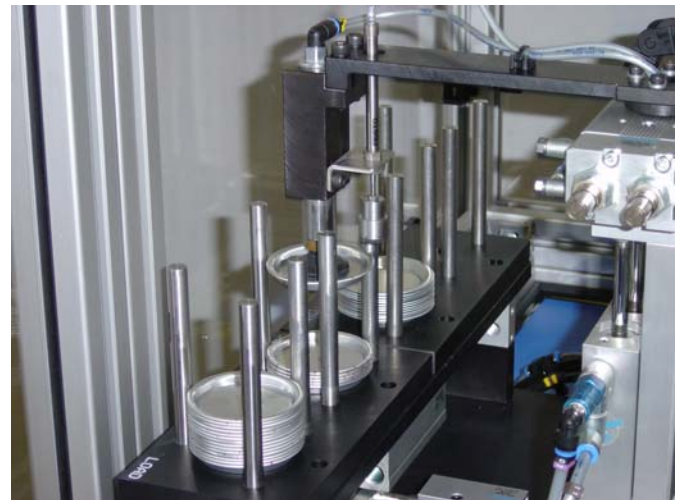
The system can be supplied for a single fixed diameter or for multiple sizes from 200 – 206 diameter.

Using our proven Hopper “Pick & Place” handling system, a full progression of ends may be loaded for automatic inspection, this high speed handling system ensures minimal handling time loss, resulting in reduced inspection time.

The operator selects the End type and size to be measured from an on-screen menu. When the End type is selected the operator will be asked to identify: the Press / Presses, the Lane ID and the samples to be inspected.

The system is available in two variants, standard and enhanced. The enhanced version allows optional measurement of additional features, see specification over leaf for details.

Cycle time is a critical feature of all automatic measurement systems, using our state of the art GaugeXplorer software combined with an industry standard multi axis CNC stage, speed and reliability are assured. Typically, standard features are inspected in approximately 3-4 minutes and enhanced features in 7-8 minutes per full progression, dependent on features being measured.



Interchangeable Hoppers, with a capacity of 48 Ends each, can be supplied. Typically two Load / Un-load Hoppers are configured for either 1 one size or two different diameters of End.

The Z601 gauge is designed for use in an Air conditioned quality control laboratory or quality room to ensure best performance and productivity.

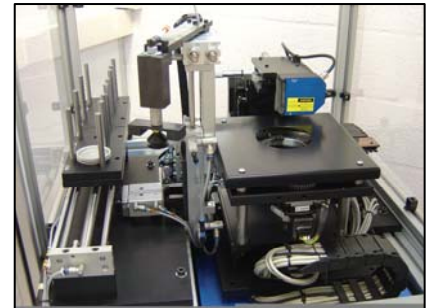


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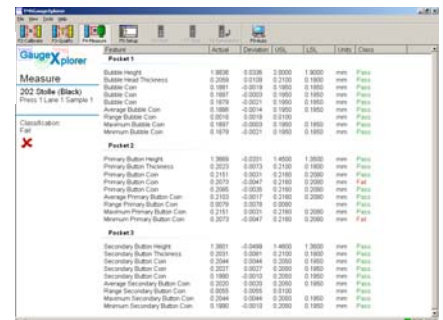
"Standard" Feature Set (DRT):-	"Standard" Feature Set (Stolle):-
Primary Bubble Height	Bubble Height
Primary Bubble Height	Bubble Head Thickness
Primary Bubble Coin (avg/rng/max/min)	Bubble Coin (avg/rng/max/min)
Secondary Bubble Height	Primary Button Height
Secondary Bubble Head Thickness	Primary Button Thickness
Secondary Bubble Coin (avg/rng/max/min)	Primary Button Coin (avg/rng/max/min)
Primary Button Height	Secondary Button Height
Primary Button Head Thickness	Secondary Button Thickness
Primary Button Coin (avg/rng/max/min)	Secondary Button Coin (avg/rng/max/min)
Button Restrike Height	Range Primary Button Coin - Secondary Button Coin
Button Restrike Head Thickness	
Button Restrike Panel Coin	
"Enhanced" Feature Set (DRT):-	"Enhanced" Feature Set (Stolle):-
Primary Panel Coin (avg/rng)	Primary Panel Coin (avg/rng)
Restrike Panel Coin (avg/rng/max/min)	Button Panel Coin (avg/rng/max/min)
Tear Panel	Shadow Bead Height (avg/rng)
Outer Bead Coin Residual	Cent Bead (avg/rng)
Anti Rotation Dimple Height	Deboss Panel (avg/rng)
Stiffening Panel Depth	Fingerwell
Inner Bead Coin Residual	Vent Tube Height (special application)
Fingerwell Depth	Anti-Missile Thickness
Vent Tube Height	Vent Bead Residual
Anti-Missile Thickness	Outer Bead Height
Vent Bead Residual	Rivet Residual
Outer Bead Height	Rivet Diameter (avg/rng)
Rivet Residual	Rivet Restrike
Rivet Diameter (avg/rng)	
Rivet Restrike	



Note: Certain Measuring Positions are fully programmable to suit customer application.

State of the art Windows Software ensures the operator is presented with measurement information, such as Average, Range, Max and Min for all features where applicable.

All measuring systems are supplied with a Windows 7 Professional Operating System, ensuring a secure operator environment and powerful networking capability to your existing quality systems.



TECHNICAL SPECIFICATION

Component Range

Diameter 50mm (200) – 57mm (206)

Accuracy & Repeatability Performance data – available upon request.



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