

Z603 Automatic Opening Force Gauge



The “Enhanced” Opening Force Gauge from Torus Measurement Systems builds on the success of the standard model used by leading end makers.

By monitoring critical manufacturing parameters over time and relating the press performance to the change in the ends opening signature, the manufacturing process capability can be observed. This trend monitoring is extremely beneficial to the process engineer, in predicting potential out-of-spec score residual and other critical features. By sampling ends from the production line, the Opening Force Gauge can monitor tooling wear in real-time and provide significant savings in both labour and scrap.



Measurement Features:

Feature	Accuracy
Pop and Tear Force/Angle	Dead Weight: +/- 0.2lbf (0.09kgf)
Tab Strength Force/Angle	
Tab Differential	
Partial Opening Force/Angle	
Vertical Drop Angle	
Programmable Pressurization	0-95 PSI (6.5 bar)
Load Capacity	200 ends

Technical Specification:

Component Range	Typical Range
Size Range	200-300 diameters (tooling change required for different ends)
End Type	SOT / RPT
Pull Load Range	0-25lbf (11.3kgf) with overload protection

Benefits to your business


- Quick-change tooling design
- Automatic tooling adjustment (Multi Axis Control)
- Tab strength with automatic tab rotation
- Programmable pressurization
- **Optional features available:** Vent and Missile (Pass/Fail), Score Aperture Opening (Tuck Under), RPT Capability

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

 **COMPRESSED AIR**
7 bar / 101.5 PSI

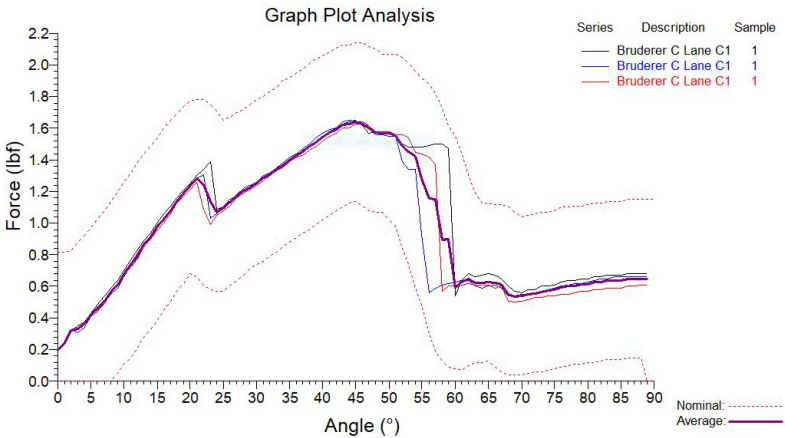
 **WEIGHT**
500kg Max

 **DIMENSIONS**
(W) 1955mm x (H) 1595mm
(D) 1004mm

 Click [here](#) to view the video

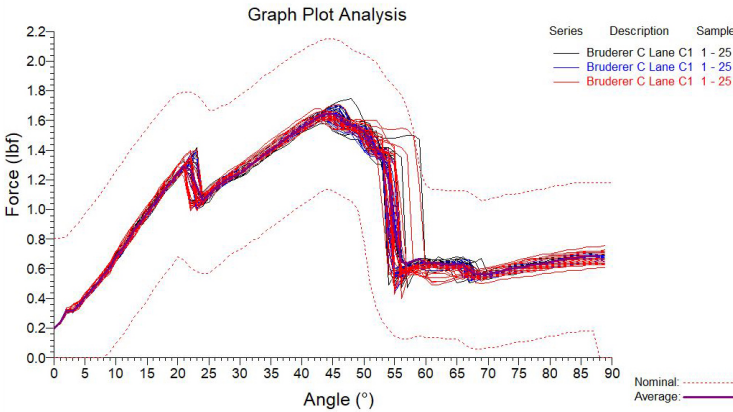


Pop and Tear

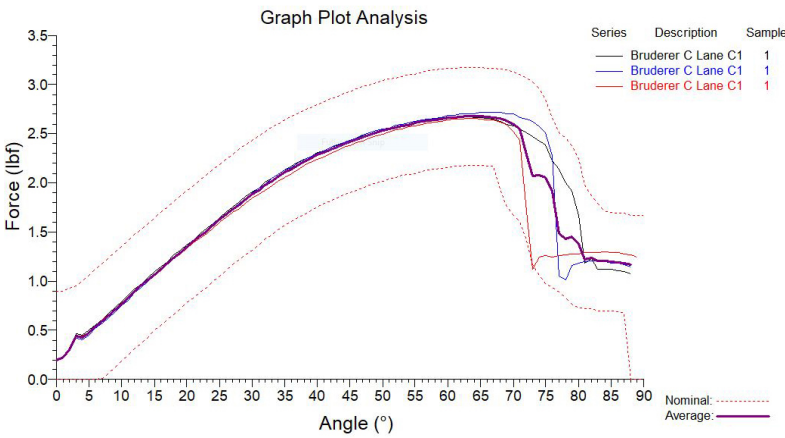


Shift Data Comparison

Pop and Tear



Tab Strength



Shift Data Comparison

Tab Strength

