

Z605 Automatic End Buckle and Burst Gauge



The new Z605 model offers our customers the ability to perform both end buckle and burst tests without the need for change parts.

The operator simply loads a batch of ends into the gauge to initiate both the buckle and burst tests. The collated data is then quickly exported to the customers SPC data acquisition system for analysis.

The Test

Ends are collected from operator loaded hopper cassettes and placed into the dedicated tooling, precisely clamping and securing the end in position. Pressure is then applied until the end buckles or reaches a maximum specifiable pressure before finishing the test. Operators are presented with graphical information about buckle and burst performance as well numerical data for SPC analysis and pass/fail classification.

Gauge Performance

Feature	Accuracy
Buckle	+/- 5.0Kpa (+/- 0.05 bar)
Burst	+/- 5.0Kpa (+/- 0.05 bar)

Technical Specification:

Capabilities	Typical Range
Shell/End Materials	Aluminium
Shell/End Stages	Shell/Converted End
Shell/End Body Diameter Range	Ø 200 - Ø 209
Max. Buckle Pressure	9.0 bar
Max. Burst Pressure	9.0 bar
Buckle Flow Rate	0 - 9.0 bar/s
Burst Flow Rate	0 - 9.0 bar/s

Benefits to your business

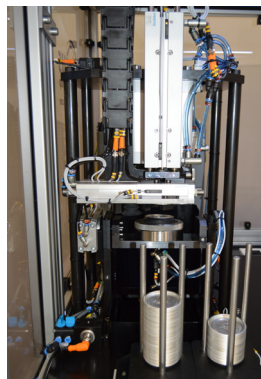
- > World's first end buckle and burst gauge with up to three size capability with no manual change parts
- > Removing operator error ensuring correct tooling is used, which in turn saves time and improves efficiency
- > Using our modular design concept the system can be specified for your exact needs for now and in the future

ELECTRICITY
100-240 Volts / 50-60 Hz

COMPRESSED AIR
6 bar / 87 PSI

WEIGHT
520kg

DIMENSIONS
(W) 2015mm x (H) 1849mm
(D) 1139mm



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