

Z604 Automatic Food Shell and End Enamel Rater



Our Z604 Automatic Food Shell and end Enamel Rater offers unprecedented functionality and capability for today's global shell/end-making industry.

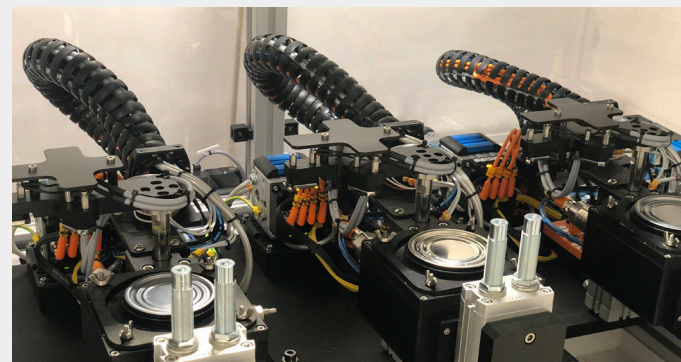
By monitoring the critical manufacturing process for testing metal exposure on food shells and ends, the Z604 gauge gives the customer confidence by checking the integrity of the lacquer or coating by using a new triple contact 100% connectivity check system.

The Process

Once the part program is selected, the operator will be prompted to load the hopper system as instructed, a maximum of **up to 100 shells/ends per hopper (maximum of 4 hoppers per gauge.)**

The samples can be collected from the production lines and batch loaded at any given time without cancelling the current batch inspection sequence, resulting in increased sample testing frequency.

The gauge will then automatically start the test cycle using the industry standard 4 second procedure.



Measurement Features:

Feature	Accuracy
Metal Exposure (mA)	+/- 0.1mA (@ 0-100 mA range)

Technical Specification:

Capabilities	Typical Range
Shell Materials	Aluminium/Steel
Component Stages	Shells, Converted Ends (Lined and Unlined)
Shell Diameter Range	Ø 211 - Ø 307


Benefits to your business

- Option of 1-3 stations for up to 3 sizes/types at one time with no change parts
- Batch interrupt facility
- Both shell and converted end inspection
- In-cycle "conductivity" monitoring and industry standard 4 second mA check
- Automatic electrolyte recycling and monitoring.
- 4 shells / ends per minute
- Adjustable multi-size loading and handling system

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

 **COMPRESSED AIR**
6 bar / 87 PSI

 **WEIGHT**
530kg

 **DIMENSIONS**
(W) 1938mm x (H) 1800mm
(D) 1032mm