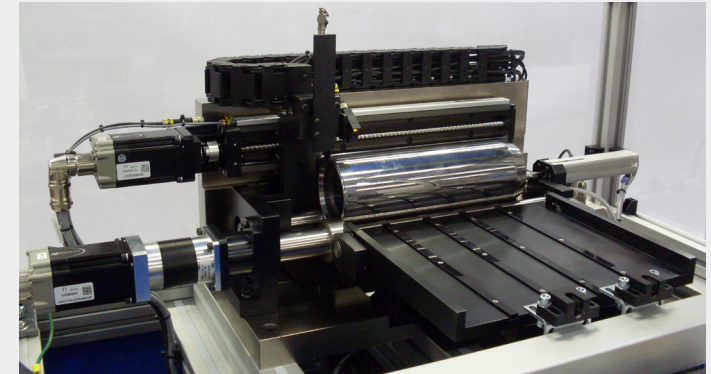


The Z311 Punch Inspection Gauge defines the standard for dimensional inspection of 2 piece beverage/beer can punch tooling.

Available as a semi-automatic (manually loaded) system, designed to measure a wide range of punch sizes typically found in the metal container industry.



### Measurement Features:

#### Feature

Ovality

Major Diameter(s): Max / Min / Average / Range

Major Diameter Ovality: Max / Min / Average / Range

Minor Diameter(s): Max / Min / Average / Range

Minor Diameter Ovality: Max / Min / Average / Range

Upper Transition

Step 'T'

Verification Diameters

Verification Taper

Verification Dimension for Max Design

Lower Transition Angle

Step Intersection(s)

External diameter's accuracies are: **+/- 0.001 mm**

### Technical Specification:

Capabilities	Typical Range
Punch Diameters	Ø 202 - Ø 307 (52-94 mm)
Max. Scanning Length	235 mm (Max. loading length 260 mm)

### Benefits to your business

- › Flexible part programs allow the operator to define specific measurement positions on the punch and store them for future use
- › Accurate, repeatable and traceable measurement of your punch tooling
- › Gives customers the ability to match punches to ironing dies to maintain can wall thickness
- › Allows punch wear to be monitored in order to perform preventative maintenance
- › Improves process control

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

**COMPRESSED AIR**  
5 bar / 73 PSI

**WEIGHT**  
350kg

**DIMENSIONS**  
(W) 1600mm x (H) 1610mm  
(D) 650mm