

# Gauger



## FRENCO Gauger with pendulum support for automatic gauge testing

- Workpieces:** Shafts with splines
- Characteristics:**
- Testing with FRENCO Go-gauges
  - Quick, automatic inspection of the usability
- Solution:**
- Pendulum support for spline gauges
  - 4 degrees of freedom to avoid unwanted tilting
  - Automatic finding of the correct position and inserting via handling system
  - Stable design
  - Recommended insertion force: 150 N
  - Removal force (for workpieces outside the specification): up to 1000 N
  - Ideal for combination with handling systems and robots
- Features:**
- Suitable for 100% testing
  - No operator influence
  - For ring gauges and plug gauges

### Technical Data

#### Four degrees of freedom:

Floating: X- and Y-axis  
Swinging: A- and B-axis

**Overload:** Z-axis springs above 200 N

**Feed:** Z-axis

**Rotary motion:** A-axis

**Forces:** Insertion: 150 N  
Removal: up to 1000 N

**Dimensions:**  $\varnothing$  175 x 72 mm



FRENCO GmbH  
Gear + Spline Technology  
Jakob-Baier-Str. 3 • 90518 Altdorf • Germany

[www.frenco.com](http://www.frenco.com)

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