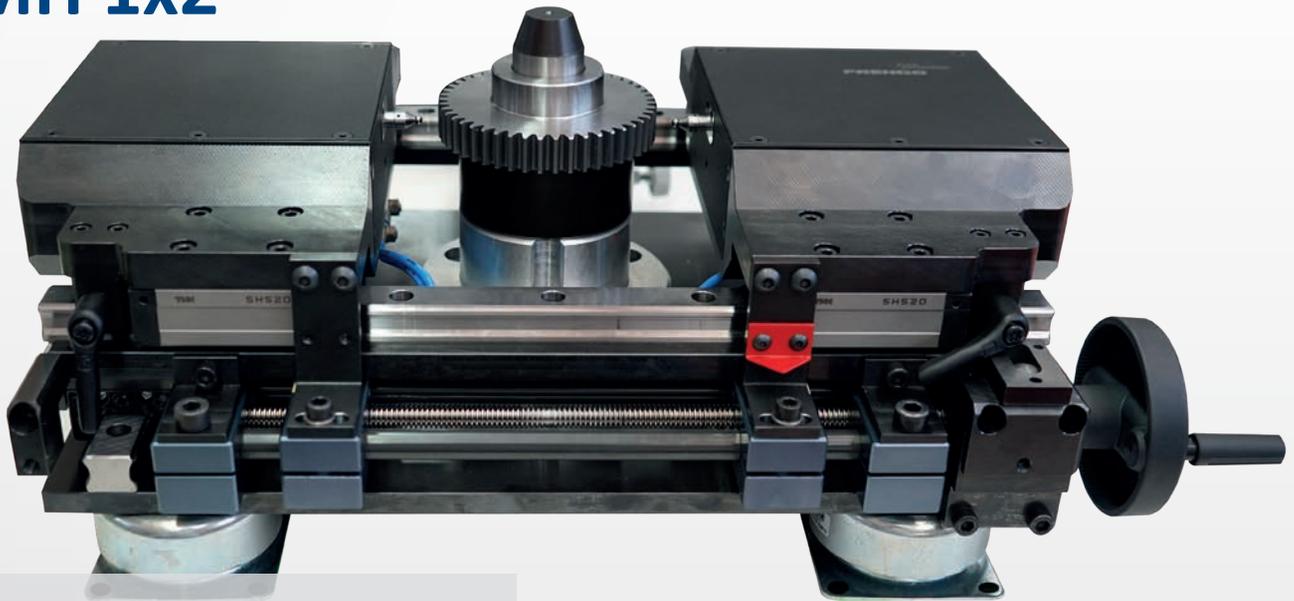
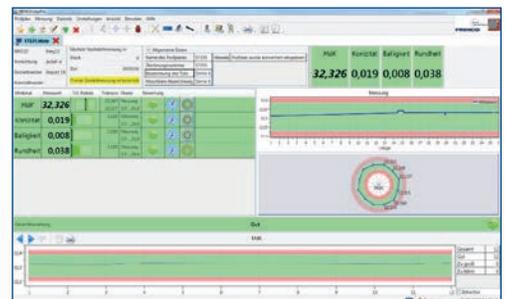
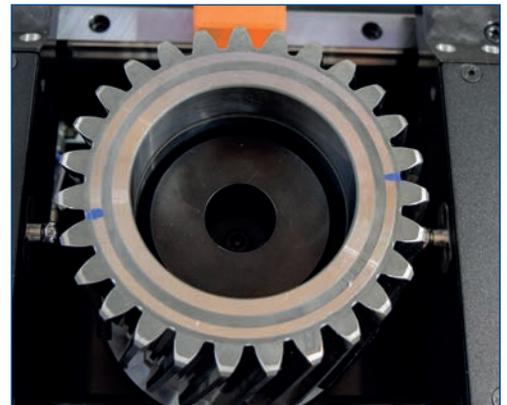


# AVMH 1x2



## Automated size inspection

- Workpieces:** Planetary gears  $\varnothing 8$  to  $\varnothing 160$
- Characteristics:**
- Dimension over balls DOB
  - Ideal for the classification of smallest tolerances
- Measuring time:** 3 to 8 seconds
- Solution:**
- Automatic measurement
  - Direct measurement according to the Abbe principle with two probes
  - Precise linear guide
  - Interchangeable carrier for measuring balls
  - Robust measuring tip made of carbide for small ball diameters
  - Exchangeable workpiece holders
  - Adjustment with certified masters or workpieces
- Technical data:** for workpieces  $\varnothing 8$  to  $\varnothing 160$ , wheels and small shafts
- Special features:**
- Automatic recognition of the tooth tip and subsequent finding of the tooth gap
  - Ideal for automatic loading
  - Repeatability better than  $1 \mu\text{m}$
- Software:**
- **FRENCO LdynPro**  
Measurement and storage of results
  - **FRENCO Inspection Task Manager ITM**  
Connection to handling systems (Profinet etc.)
  - **FRENCO Measurement Feedback Controller MFC**  
Control of the production machine



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