

URM HM S750



Manual measuring device for gear and spline shafts

- Workpieces:** Main shafts, drive axles, axle journals
Optional internal spline
- Characteristics:** Runout, Pitch, Size over balls, Helix angle
Diameter and roundness
Flexible defining of references i.e. Bearing seats
- Measuring time:** Approx. 1 minute for a spline and two diameters
- Solution:** 3-axis measuring device
Manual measurement, hand-guided
Two flank contact for gears for real size over balls
Highly precise linear guides for instrument and tailstock
For workpieces between tips or in the 3-jaw chuck
Changeover turret for up to 6 measuring balls
Easy calibration in only one place
Robust design for direct use in production
Temperature compensation
- Technical specifications:**
For workpieces up to 750mm in length and 200mm in diameter
- specialities:** Very fast measurement thanks to manual operation
Direct control of the results already during the measurement
Also suitable for smooth diameters
Very simple programming
- FRESCO Software:** RK Pro:
Modern software with full graphical support
DFQ Export, graphical inspection plans, multilingual



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