

# RK HM S750



## Manual Measuring Device for Gear and Spline Shafts

- Workpieces:**
- Main shafts, drive axles, axle journals
  - optionally internal splines
- Characteristics:**
- Runout, pitch, size over balls, helix angle
  - Diametrical size and roundness
  - References freely definable i.e. bearing seats
- Measuring time:**
- Approx. 1 minute for a spline and two diameters
- Solution:**
- 3-axis measuring device
  - Manual measurement, hand-guided
  - Double flank contact method for real size over balls
  - Highly precise linear guides for instrument and tailstock
  - Workpieces clamped between two centres or in 3-jaw chuck
  - Changeover turret with up to 6 measuring balls
  - Easy calibration at one location
  - Robust design for the shop-floor use
  - Temperature compensation
- Technical specifications:**
- For workpieces up to 750 mm in length and 230 mm in diameter
- specialities:**
- Very fast inspection thanks to manual operation
  - Computational compensation also for the tailstock
  - Direct control of the results already during the measurement
  - Also suitable for smooth diameters
  - Very simple programming
- FRENCO Software RKpro:**
- Modern software with full graphical support
  - DFQ export, graphical inspection plans, several languages

