Customized CNC Gear measuring machines
Combined CNC Gear- and 3D-measuring machines
Special purpose machines for rotation-symmetric workpieces

The technology company R &P Metrology GmbH was founded to fully meet the high demands of a dynamic market environment. It primarily offers engineering services and products in the range of large and special measuring machines for gear inspection and coordinate measuring technology.

The product range of R&P Metrology GmbH initially offers customer-specific solutions for gear inspection machines for work piece diameters of 1600 mm to 6000 mm and for combined gear inspection and 3D-measuring machines, as well as special measuring machines for rotationally symmetric workpieces (e.g. gears, shafts, disc-shaped parts) built vertically and horizontally.

R&P Metrology GmbH is majority-managed by the shareholders Dipl.-Ing. Hans-Helmut Rauth (former Managing Director of Wenzel GearTec GmbH and Dr. Ing. Hoefler) and Christfried Pumm (former Technical Director of Wenzel GearTec GmbH).

Innovative-intelligent-individual: This principle will lead R&P Metrology GmbH on the market offensively and dynamically. The customer and his specific demands, ideas and suggestions always will be the center of attention.

R&P - Really Professional
Our product portfolio

1. Gear measuring machines RPG for workpieces with 1600 mm diameter and larger (up to 5500 mm)

   RPG 1800 CNC to RPG 5500 CNC

Gear measuring machines for workpieces with diameters of 1600 mm and larger should fulfill all individual demands and special requests of the operators. Therefore R&P has developed a construction kit customers can use for individually configuring their machine.
Available are:
-- several options for vertical measuring lengths
-- rotary tables with different max. load capacities
-- tailstock length variable
-- tailstock position flexible
-- several solutions for tensioning means, holding and clamping devices

Consequently the customer does not get a machine, he gets HIS machine!

*R&P - Really Professional*

Examples for customized solutions

2. Combination - Gear and 3D - measuring machines

**RPG Hybrid LH 1500 & Above**

*HYBRID* - also available for measuring machines!
2 fully-equipped measuring machines combined in 1 machine-with no restrictions.
A bridge-type measuring machine for 3D-measuring tasks, and simultaneously a gear measuring machine with tailstock.
And because of the bridge type design with advantages checking internal parts.

Available in different sizes.

*R&P - Really Professional*
3. Special customized measuring machines for rotational symmetric workpieces

Based on our outstanding technical solutions in machine design, controller- and evaluation software we are able to offer special machine solutions in vertical or horizontal construction for a versatile range of parts. Gears, shafts, broaches, disc type workpieces - tell us your requirements and specifications.

- RPD xxxx - For CNC Measurement on Discs, Bearings, Wheels, (Gear) etc.
- RPV xxxx - For CNC Shafts, Axels, Worms etc.
- RPH xxxx - For CNC Shafts, Axels, Worms, Broaches etc.
- RPB xxxx – For CNC Bearing, Discs etc.
- RPC xxxx – For CNC Large Bearing, Discs etc.

Examples for customized solutions

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