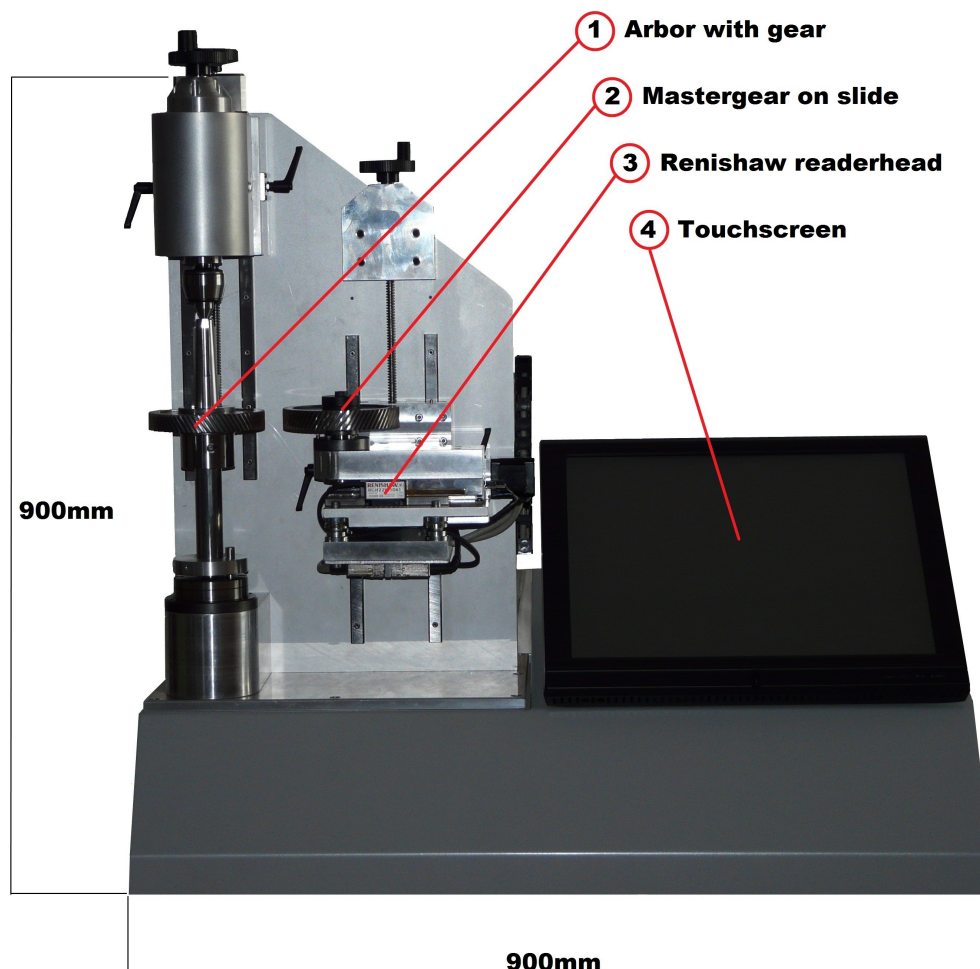


## New Generation Roller Tester

### Compact design with exciting features

- roller tester for manual loading
- easy to use software
- plug & play, no air supply necessary
- flexible for a wide range in length and diameter





## **Different versions**

We offer versions for:

- Double-Flank-Testing
- Single-Flank-Testing

The tester is available for:

- Shafts and Gears
- Worms and Wormwheels

in the dimensions:

- diameter from 20-200mm
- length from 40-260mm

Other dimensions are available on request.

## **Software**

The software is bullet-proof and extraordinarily easy to use. All measurements are displayed as diagram as well as numerical values. It is possible to define limits for automated classification to „OK“ and „NOK“. The parameters for each setting also include values for the inforce used during testing. The number of settings is only limited by the harddisks capacity.

The user interface can be switched any time between different languages:

- English
- German
- Italian
- Romanian

More languages will be implemented.



## **Options**

The basic system is suitable for easy and reliable quality testing. But sometimes you may need more evaluations or you can make life even more easy.

Therefore we offer options as following:

- Automatic positioning and visualization by laser  
after touching a position in the measurement diagram the gear will be turned into that position which then can be localized quite exact with a laserline
- Automatic detection of defects  
by defining limits you can have the tester automatically detect defects and by using the automatic positioning option, localize them in short time
- Measurement of dynamic MdK (measurement over 2 balls)  
by using a special mastergear you can calculate the measurement over 2 balls during rolling
- Classification into user defined classes  
for any type of parts you may define any number of rules for automatized classification, e.g. according to DIN etc.
- Support for repeatability and acceptance tests  
supported by the software you can:
  - repeatedly measure the same part with identical conditions
  - repeatedly measure different parts including loading/unloading
- Determination of mastergear runout  
the runout of the mastergear can be measured with any arbitrary part from the production



- Customized report  
design your own reports including diagram, logo etc.
- Production statistics  
part specific display of:
  - distribution of classifications
  - distribution of measured characteristics
  - evolution of results

### **Plug & Play**

Just put the tester onto a suitable desk and start improving your quality! No air supply and no special equipment is necessary. All you need is a standard arbor and the master gear. The PC is included in the cabinet and no keyboard, no mouse is necessary as we do use a TFT-touchscreen.

### **Quick and easy**

Approximately 12 sec. are enough to proof your product's quality. Not a big effort to be sure of your customers satisfaction.

### **Highest quality at an unbeatable price**

Although we are using only the highest level of accuracy our innovative design allows a very special price. **Ask for your quotation!**