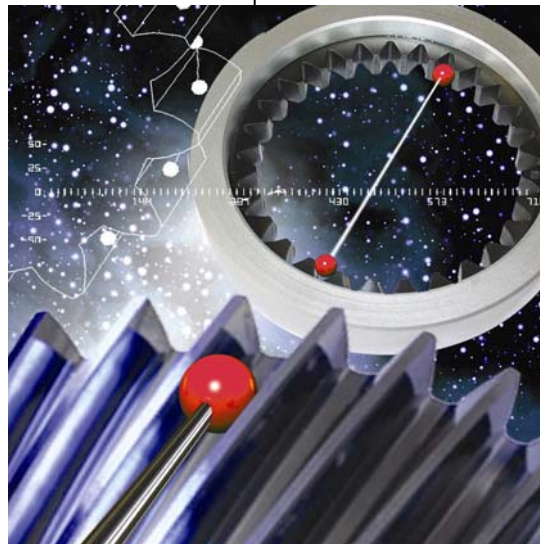
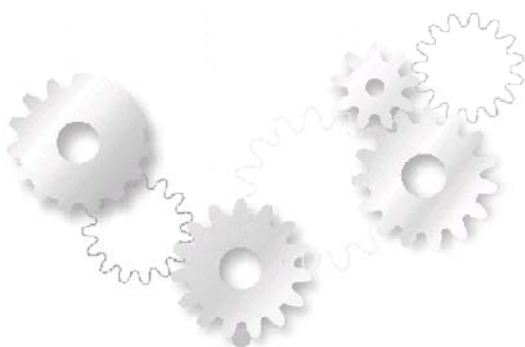




# Special measuring instruments

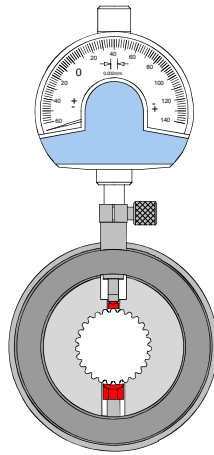


*Special design*



## ***External gear measuring instrument for odd tip diameter***

- The tip diameter is difficultly measurable by odd teeth numbers. This special instrument makes measuring comfortable and fast.



## ***Measuring instrument for runout control***

Clamping and centering by external spline

Runout measuring of bore to pitch circle



## ***Measuring instrument for internal straight sided spline***

Measuring of

- straight space width
- tip diameter

Display unit electronic or with dial indicator.



## Measuring fixture for axial runout and runout of deviation of pulse flatness by synchroniser rings

Measuring of

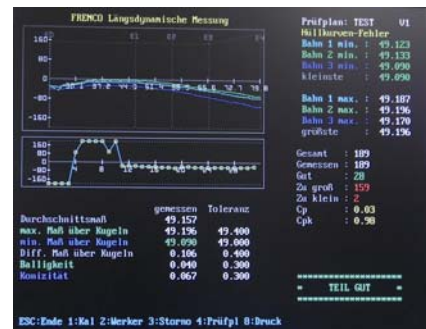
- diameters
- distance
- runout
- axial runout

Dynamical measuring with SPC-Calculator



## Tripod measuring instrument

Longitudinal dynamic simultaneous measuring of width of tripod spaces of all three spaces over full length.



## FRENCO Product Lines



### Gear and spline high precision

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Spline Gages  
Master Gears, master wheels  
Artefacts, masters  
Profiled tools  
Clamping systems  
Gear and spline manufacturing



### Instruments for size inspection Series V

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Ball inserts and pins VRK  
Instruments for rocking VA  
Instruments with face stop VP  
Indicating Gages VM  
Variable 3-Disc Gages VD  
Customized solutions VS



### Rotation Measuring Systems

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URM - K with balls and pins  
URM - R with master wheels  
EWP Single flank gear rolling  
ZWP Double flank gear rolling  
WS Gear Rollscan



### Gear and spline inspection

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DKD gear calibration  
Gage wear inspection  
Part inspections  
Deviation analysis



### Know-how transfer

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Software for gear and spline calculating  
Training, seminars and workshops  
Consulting and calculations  
Literature and documents  
National and international standards



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