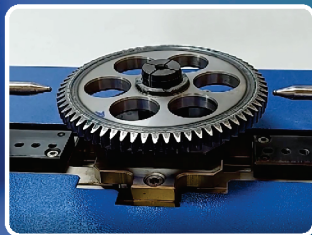


# For drastic manpower reduction in final inspection

Achieve zero PPM rejection, supply direct to line

Visit us on  
 YouTube



GearMate® solutions offer automated quantified inspection accurately measuring and recording gear & non-gear parameters independent of skilled manpower.

Industry 4.0 ready features like -Data saved against QR code and transferred in real time to server

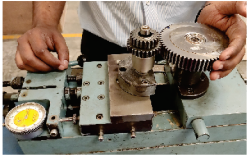
GearMate calculates and compensates the "master runout" for ensuring zero rejection skipping to customer

Automatic and instant PDI reports for inspection process.

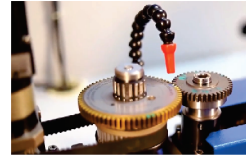
Setting process made so easy that unskilled operator can do it.

Nick detection feature detects gears making noise even when TCE/TTE are within the tolerance span.

## Challenges in Current manual method



## Benefits of GearMate®



No assurance of 'zero' rejection

VS

Zero rejections skipping PDI

No traceability or accountability

VS

100 % traceability or accountability

Difficulty in locating exact error tooth

VS

Rework mode for exact error tooth

Dependence on skilled manpower

VS

Unskilled operator can do the job

PDI Report generation is tedious

VS

Auto data recording and PDI report generation

## Inspect any CTQ parameters along with TCE/ TTE inspection:

- Span measurement (attribute/ quantified type)
- Diameter Over Ball (DOB/MOT) (attribute/quantified type)
- Center distance
- PCD runout of splines/ gear
- Internal Diameter
- Outer Diameter
- Face runout & various other runouts
- Lengths
- Groove width & groove distance
- Diameter Under Ball (DUB)
- TCE/TTE of internal gears

Future ready equipment. Can be easily upgraded for expansion.

### Simultaneous inspection of 2 gears with 1 master



Multiple inspections and double throughput

### Common inspection equipment for gears & shafts



Multiple gear and shaft inspections with integrated laser marking

### Fully automatic SPAN inspection



Quantified and flexible SPAN inspection with data recording



SCAN AND WATCH VIDEO

 **CalibroMeasure**  
Equipments Pvt Ltd  
*No.1 in Gear Inspection Automation*

 **CNC lize**  
A new revolution in quality inspections

 **RollSmart**  
Record trend of TCE at just 8 paise per gear for multiple hobbing/grinding machines

 **MeasureMate**  
Most flexible and advanced multi-gauging solution platform

 G-39/7/2, MIDC, Waluj, Aurangabad, Mah, India

 [www.calibromasure.in](http://www.calibromasure.in)  [connect@calibromasure.com](mailto:connect@calibromasure.com)  +91 9822 032 062