



LASER CALIBRATION SERVICES

We now give you the **POWER**
to check the accuracy of your machine

OUR CALIBRATION FACILITIES

- Linear measurement accuracy checking for CNC machines.
- Ballbar accuracy checking for CNC machines

INSTRUMENTS WE HAVE :

- RENISHAW ML 10 gold standard
- RENISHAW EC 10 (environmental compensation unit)
- All accessories for linear measurements & ballbar accuracy checking.
- Classic latest softwares for solving accuracy related problems.

WHY SHOULD YOU DO LASER CALIBRATION :

- Solves the accuracy related problems more accurately with less time consumption.
- Some problems in hidden parts of the machine assembly may cause a major error, so laser calibration will help you in analysing mechanical condition of your machine and find a solution before it is too late to control.
- Yearly calibrations will make you aware your machines updates, also solves the accuracy part by pitch error compensation.
- Instead of dial technology, check it now with our laser instrument, which is more accurate and will give you the result for the total stroke of the machine.
- With our instrument you can check positional accuracy, repeatability and backlash in a more professional manner, which can help you in your preventive maintenance, periodically.
- Why trust the conventional method when we have an advanced system which can check the accuracy in microns.

ADVANTAGE SPARKONIX

Having a good technical expertise of more than 800 machines calibrations which includes CNC VMC's, CNC lathes, CNC SPM"s, CNC grinders and wide range of CNC machines.

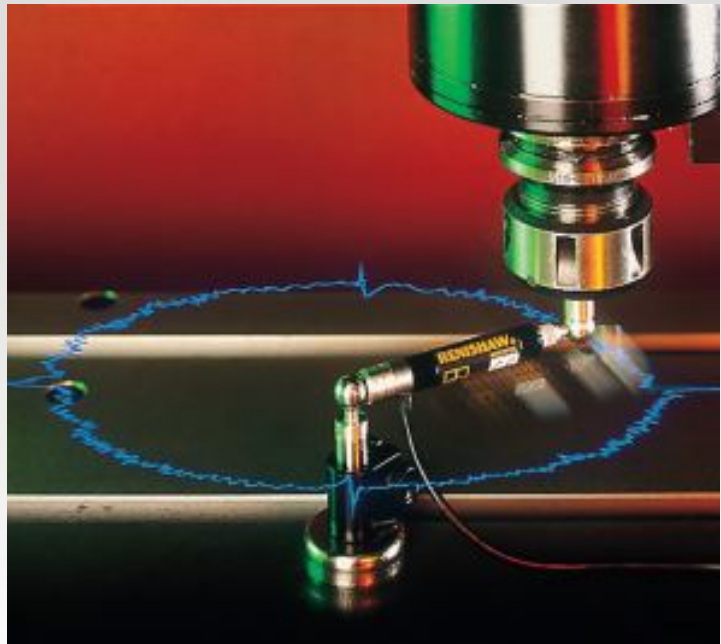


SOME OF OUR ESTEEMED CUSTOMERS

✓EMPIRE EMACHINE TOOLS ✓YAMAZAKI MAZAK ✓ACE MANUFACTURING ✓MAHINDRA & MAHINDRA ✓MANUGRAPH INDUSTRIES ✓ROYAL ENFIELD ✓ELGI EQUIPMENTS, COIMBATORE. ✓ASB INTERNATIONALS. ✓VARROC ENGINEERING

ACCURACY WITH QUALITY – THAT'S OUR SPECIALITY.

BALLBAR ACCURACY CHECKING

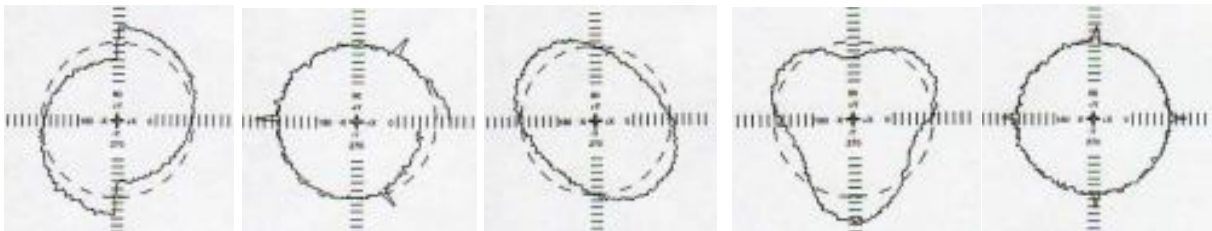


INSTRUMENT WE HAVE :

- Renishaw QC10 ballbar equipment
- Renishaw calibrator to check the accuracy of ballbar frequently.

WHY YOU NEED TO DO BALLBAR TESTING :

Are you facing problems like these ?



- It is an instrument which can evaluate machine tool performance.
- Analyse the problems in your machine and to understand which factor is contributing more on accuracy of the machine.
- Ballbar accuracy can establish benchmark for circular interpolation checking in CNC machines. So move forward with a proper accuracy test chart.

THE QUICK CHECK WITH POWERFUL RESULTS :

- Verify machine performance.
- Achieve manufacturing performance
- Machine condition monitoring
- New machine acceptance testing.
- Predictive maintenance.



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