



CNC Maintenance Package

A Specially Priced Package For Evaluation of Machine Tool Performance as detailed in ASME B5.54.

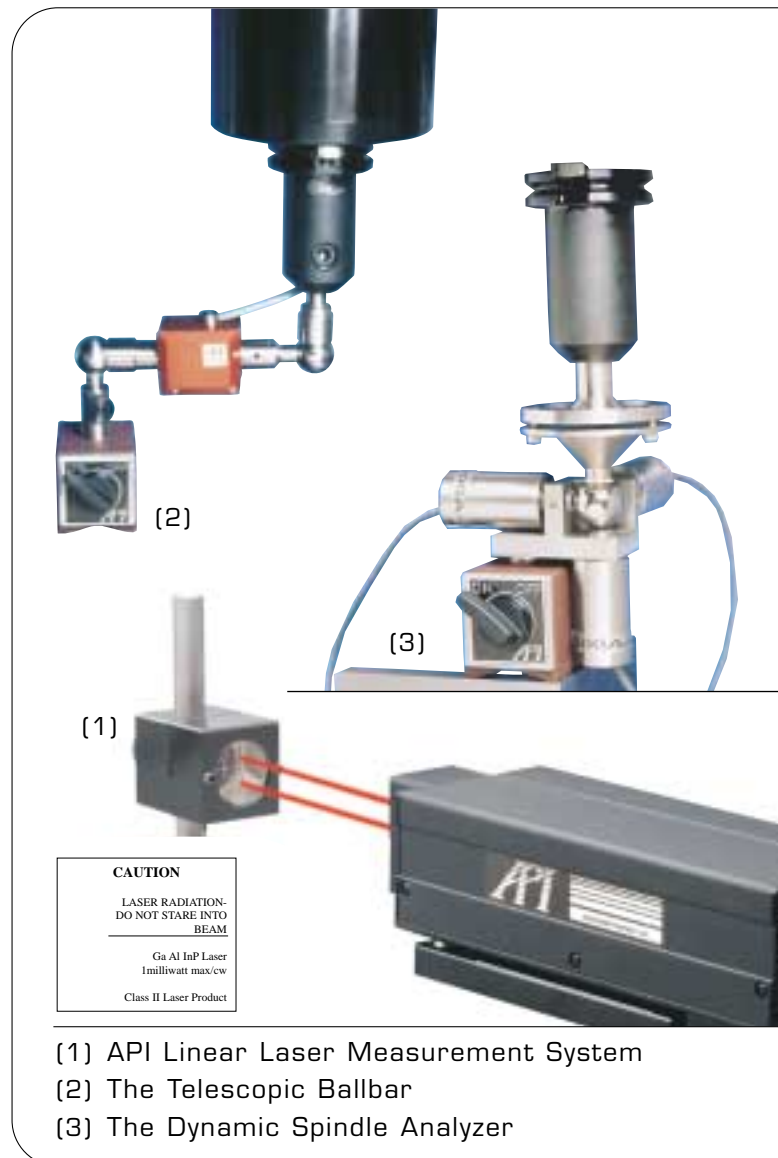
The Maintenance Package includes the API Linear Laser Measurement System, the Telescopic Ballbar and the Dynamic Spindle Analyzer. The Linear Laser provides the tools to establish and correct linear accuracy, the Ball Bar quickly establishes the contouring capability of the machine tool and the Spindle Analyzer is used to find spindle rotational errors and to establish spindle condition to help identify impending spindle failures.

Applications:

- Linear Displacement Accuracy,
- Bi-directional Repeatability,
- Volumetric Performance
- Contouring Performance using The Ballbar
- Routine machine performance evaluation
- Machine problem diagnosis
- Spindle rotational axis errors
- Predict spindle problems before they occur

System Features and options:

- Laser and weather station to provide required laser measurement accuracy under actual shop environments
- Ballbar includes calibration fixture
- Spindle Dynamic Analyzer to measure spindle rotational errors
- Instrument carrying cases
- Electronic controllers interface to PC through RS-232 serial port
Compact, highly portable systems
- 5/6D Laser System available as an option to the 1D system
- Spindle Thermal System option to Dynamic System in package



Software Features:

- Data displayed in real-time along with being saved to data file for analysis
- Data analysis according to ASME, NMTBA, ISO, VDI
- Graphical presentation of test results
- Windows 9x/2000/NT software