



piaDynamics

TARGET GROUP

Quality managers, maintenance team

KEY-FEATURE

Measuring system for mechanical and geometrical measurements

ADVANTAGES

- Cost reduction
 - through early detection of NIO process values (no processing of NIO parts on subsequent stations)
 - through the use of one measuring computer for several stations (multi-station capability)
- Independent operation by the measuring engineer through configurable measuring sequences
- Reduction in travel time through location and device-independent access
- Intuitive detection of systematic deviations

FEATURES

- High-speed measurement recording
- Central parameter management for all measuring processes
- Graphical measuring process configurator
- Calibration of measuring equipment
- Measuring system analysis report method 3

piaDynamics

HIGH-END COMPUTER SYSTEM

piaDynamics is a measuring computer system for quality assurance for industrial measurement applications (mechanical and geometrical measurements). The combination of intuitive software and flexible hardware makes the tool unique. The purpose is - in addition to the visualization of the user interface of a measuring machine - in the digital logging of sensor values and the calibration of measuring equipment.

The values are processed according to a configurable algorithm with different graphical display options. Both live and historical measured values can be visualized in different analysis functions. Extensive calibration methods with different export (Q-DAS, MS Excel, image files, etc.) are helpful tools for quality managers. The statistics and trend functions for process analysis are presented in different graphics and tables. Measurement engineers can use the graphical editor to easily create or modify measurement sequences. Every change of parameters by users is recorded and displayed in the change log.

