



Optical surface inspection for camshafts

Fully automatic system for the inspection of camshaft surfaces

Inspection of all cams and the bearing surfaces

Detection of porosities from 0.1 mm

Defects detected: porosities, chippings, fissures

Assignment of cam tracks into 4 zones with different degrees of inspection levels

12 seconds cycle time

Convenient, clearly structured graphical user interface for image analysis

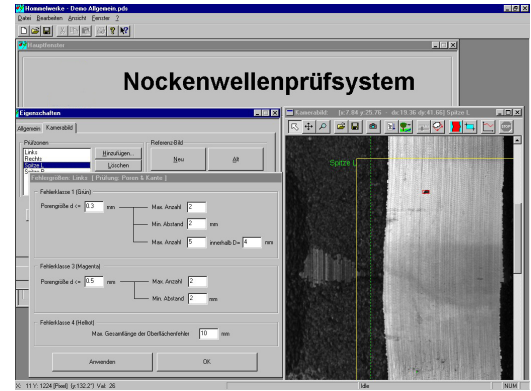
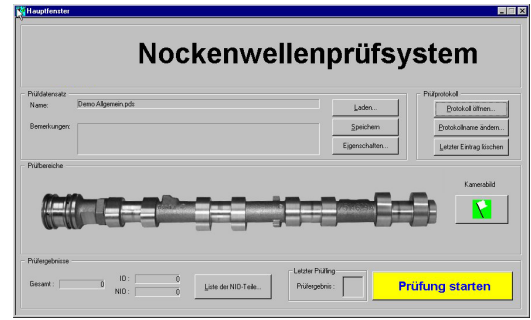


Precision is our business.

Image processing system

Operation and configuration of the inspection computers are accomplished by network PCs with a convenient, clearly structured user interface. Results are presented in the form of a list.

- Management of type-related inspection files
- Familiarisation with the help of basic settings
- Clear and functional parameters configuration windows
- Automatic inspection mode: test results are read out to a central display unit and to an opto-decoupled I/O interface card
- Test reports are generated in the form of summarised statistics sheets



Inspection image (360°: equally illuminated, undistorted outer surface)

