



## Systems for automatic surface inspection

Detection of smallest defects with exactly fixed quality bounds

High measuring rate, 100% inspection

Multiple classification possibilities and complete documentation of quality

Constant quality

Objective, operator-independent inspection

Possibility of integration into automatic testing systems (Multi-sensor systems)

Economic thanks to fully automatic operation

Process optimisation due to detailed test statistics

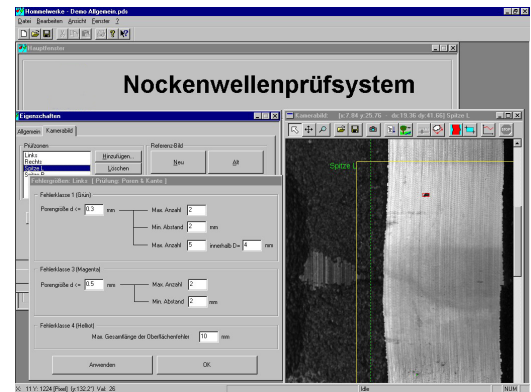
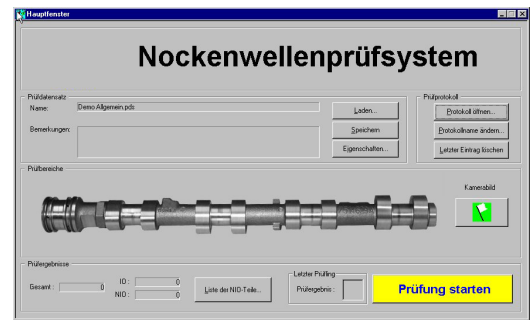


Precision is our business.

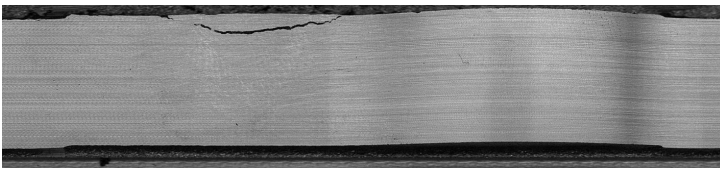
## User-friendly image processing system

Operation and configuration of the inspection computers are accomplished by network PCs with a

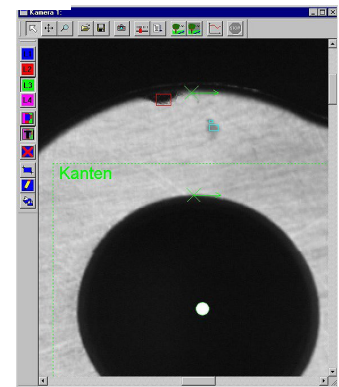
- Management of type-related inspection files
- Familiarisation with the help of basic settings
- Clear and functional parameters configuration windows
- Automatic inspection mode: test results are read out to a central display unit and to an opto-decoupled I/O interface card
- Test reports are generated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



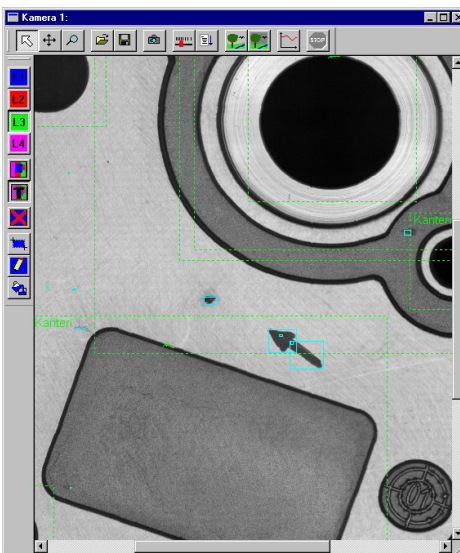
## Typical surface defects, that are detected by the optical inspection systems



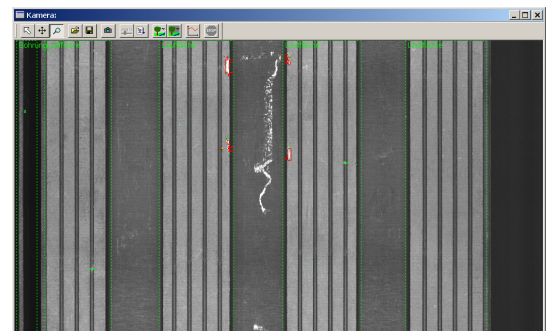
Camshaft cam surface with edge defects



Edge defect on diecasted part



Cavity on diecasted part



Surface and control edge defects on piston valve