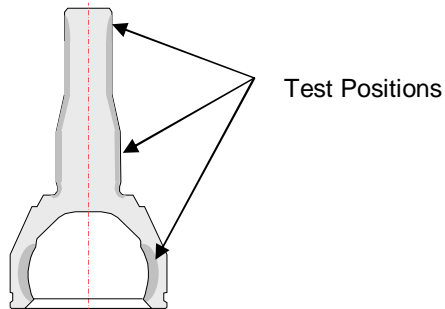
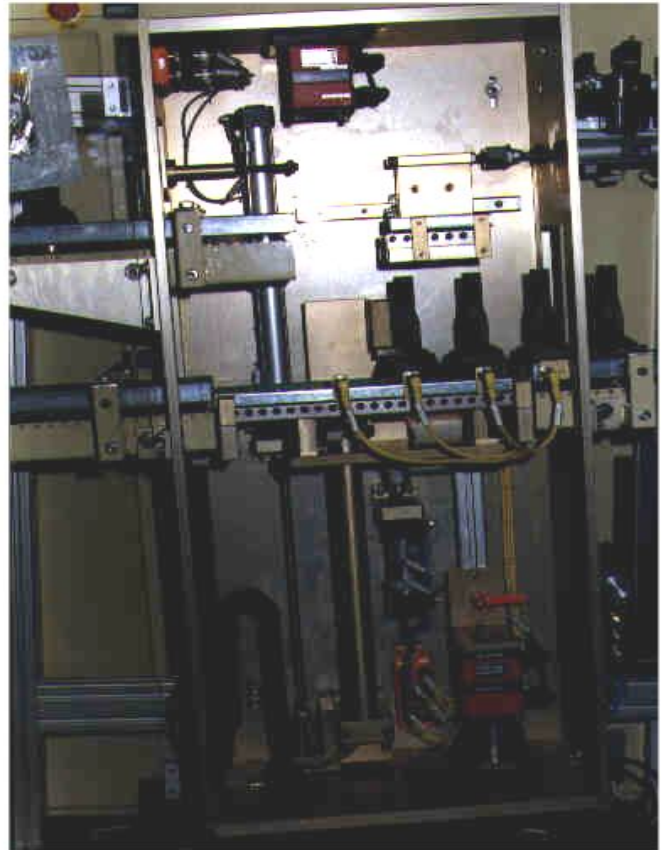


Automatic structure test on
Bells of CV joints
(test on inner and outer diameter
with **eddyliner® P 3**)

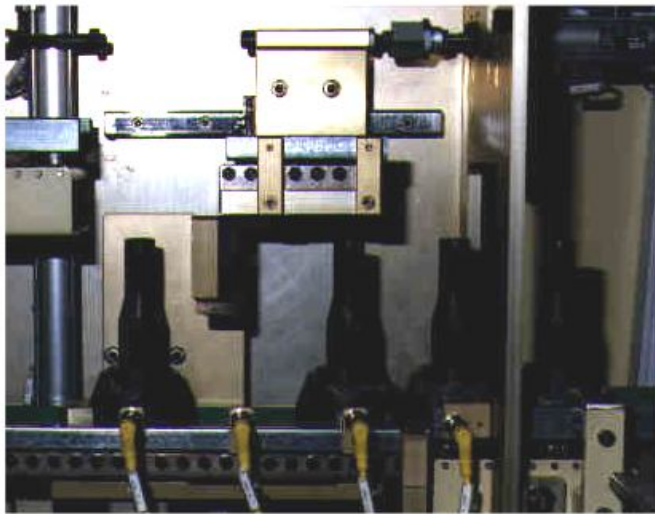


- Hardness
- Case depth on shaft and inside the bell of CV bells
- Core hardness
- Hardness at shaft (runout)
- Cycle time 15sec/part

The parts are put onto a roller conveyor from the right.

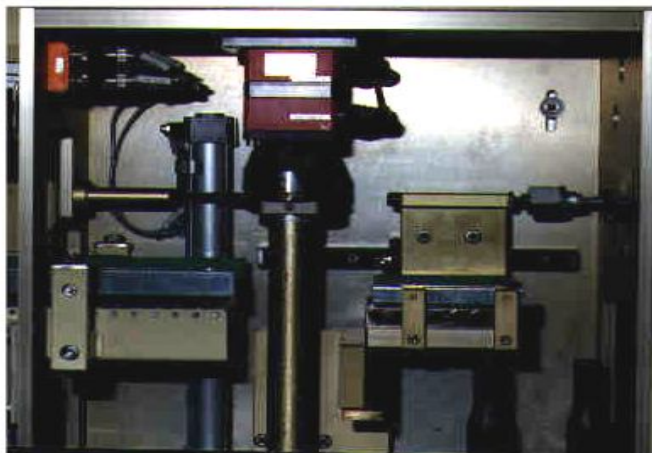


Before unmatching, the parts are standing outer diameter to outer diameter.

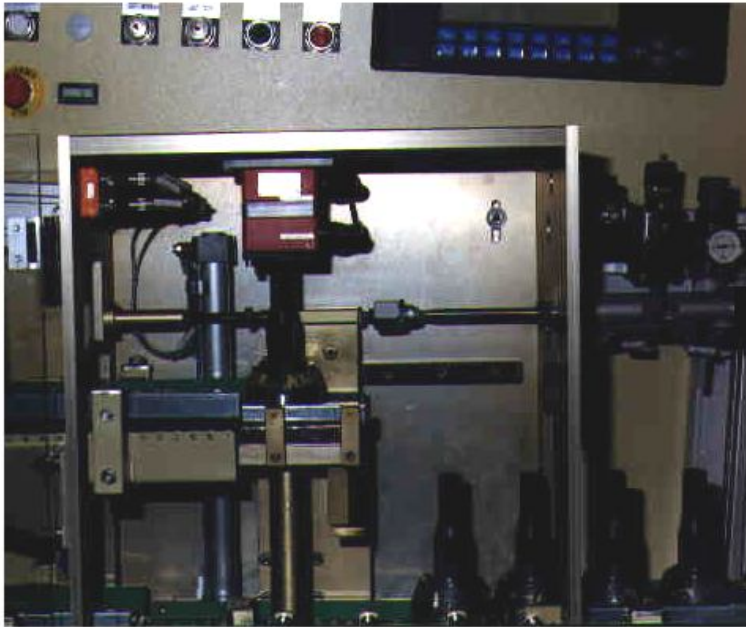


Test parts are unmatched and

lifted into test position (test coil for test on shaft) by the I. D. coil.



At test position each part is tested on shaft, shaft end as well as in the bell for correct hardness, hardness depth, core hardness and hardness runout according to the PMFT method at 8 test frequencies. Complete test time is approx. 0.7 sec.



In case of an NOK decision the sorting slide goes to the left under the test part. After lowering the I.D. coil the part remains on the NOK roller conveyor

and is passed to the lockable NOK-room. In case of an OK decision the part is lowered again to the lower roller conveyor and leaves the test system to the left by gravity.



Operation is very simple due to graphic display.