

*Automatic crack detection system for  
**needles**  
diam. 1.5mm - 3mm with  
**eddyscan®H10***

*Sensitivity*

*Crack depth = 0.050mm*

*Crack width = 0.070mm*

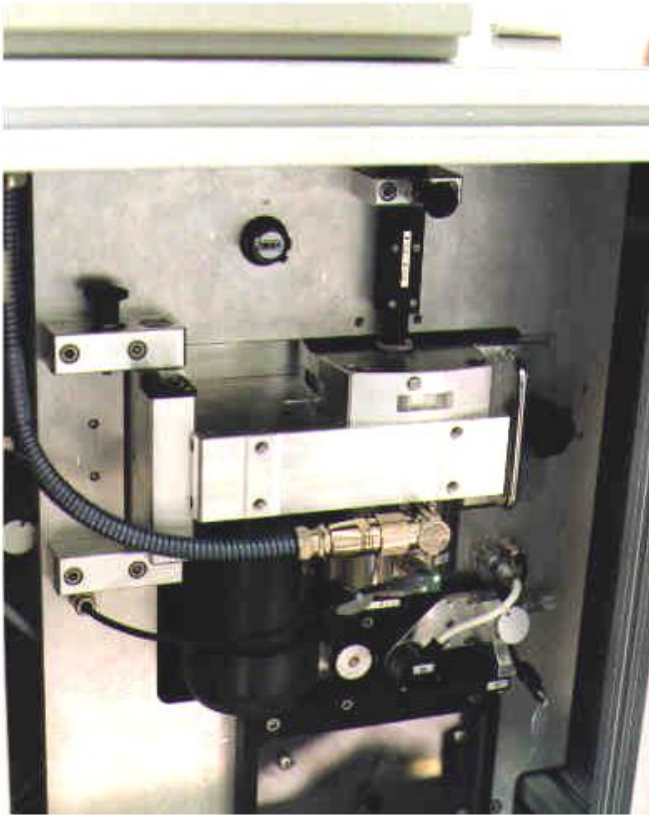
*Crack length = 3.000mm*

*Test rate = 36.000 parts/h*

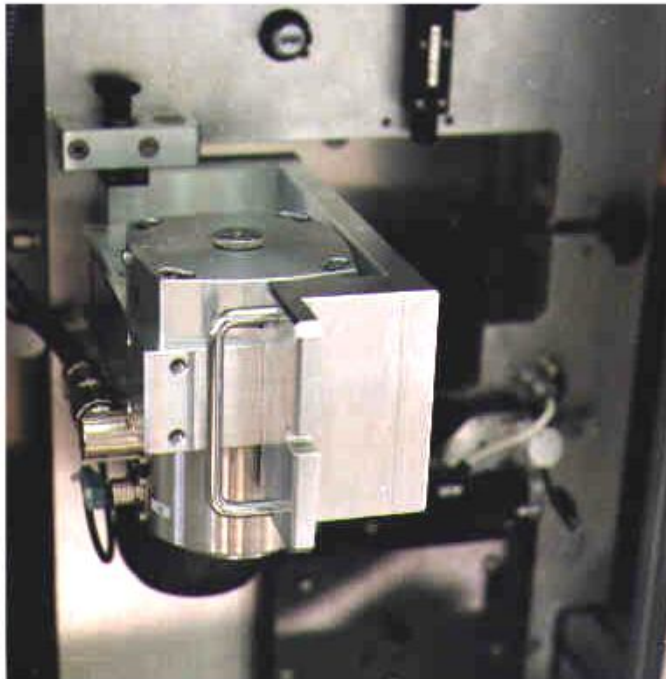
*Speed of rotating head = 6000 RPM*

*Rotating probes :max. 2*

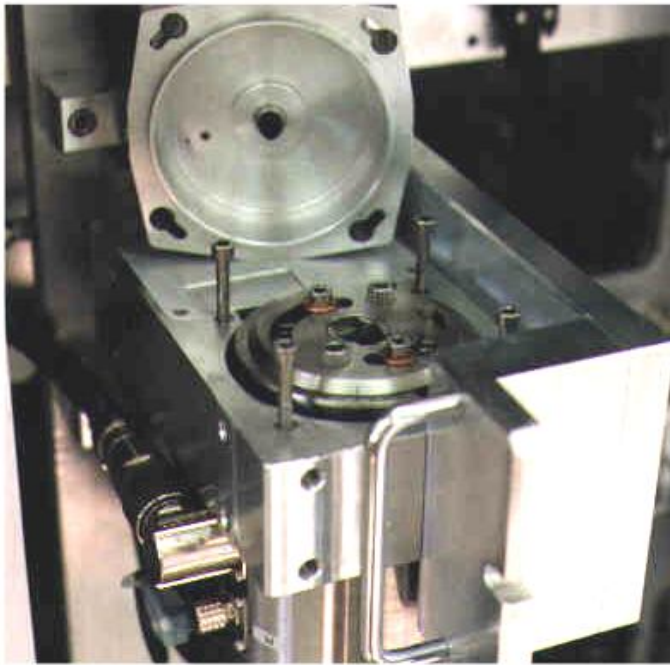




*Parts are fed in a flexible tube from the vibration feeder. They are transported through the rotating head via feed wheel at a constant velocity ( $v = 100\text{mm/sec}$ ). After testing is completed, the parts go one by one to the OK parts box or the REJECTED parts box, depending on the sorting decision taken.*



*For maintenance and resetting, the rotating head is brought to maintenance position.*



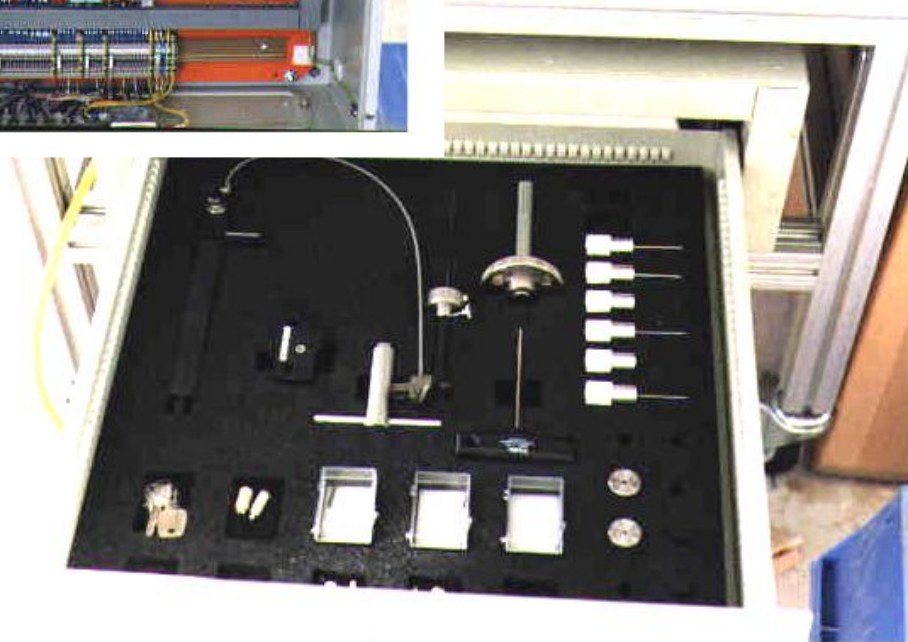
*When the lid is removed, the adjustable rotating probes is visible. „Keyholes“ provide for easy disassembly.*



*The 2-channel rotating probe can be adjusted sensitively from 1.0mm to 15.0mm.*



*The control elements and the electrical components are integrated in the dust-proof steel cabinet. The frequency drive allows for the high speed of the rotating head (6000 rpm).*



*The integrated chest of drawers offers sufficient space for master parts, tools and exchange parts.*