

Automatic crack detection of  
**input flanges**  
with **2-channel eddydetector®**



The system is designed for the automatic crack test of input flanges on the cylindrical outer diameter as well as on the upper face with the following specification:

Cylindrical diameter:

	<i>longitudinal</i>	<i>circumferential</i>
Crack depth:	0.100mm	0.150mm
Crack width:	0.075mm	0.075mm
Crack length:	3.750mm	3.750mm

Top face:

	<i>radial</i>
Crack depth:	0.100mm
Crack width:	0.075mm
Crack length:	3.750mm

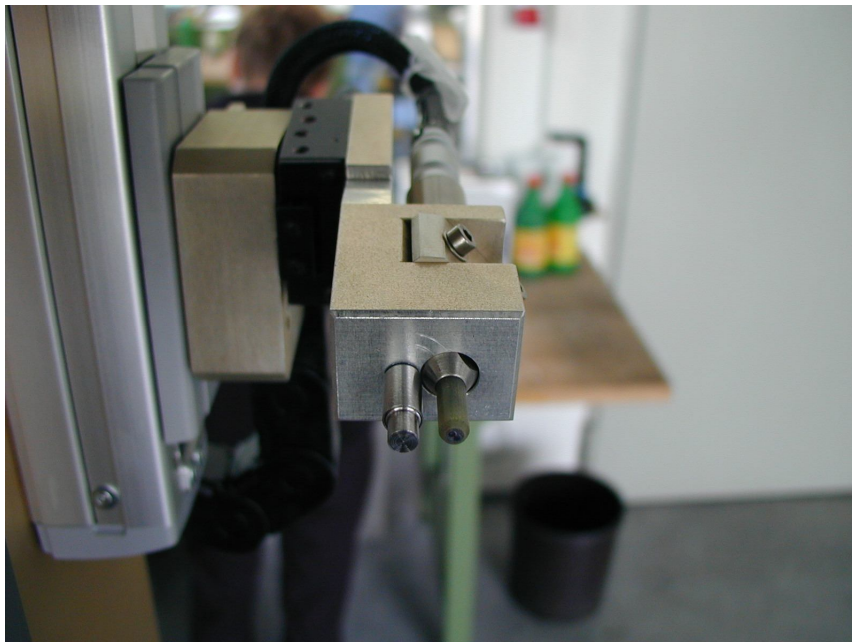
Cycle time: 10.5 seconds per part



*The system is fed and discharged by a robot with swivelling arm.*



*Test position: The test part is scanned for surface-open cracks at the cylindrical outer diameter.*



*The proven ibg standard probes are used for the crack test.*