



Design and construction of a test bench for dynamic neutron radiography, for the investigation of micro-movements on brake components

Within the framework of a joint development project between Audi Sport GmbH (Germany) and ANAXAM, a customized test bench for dynamic neutron radiography was realized. In close cooperation, the test bench was designed and afterwards constructed, manufactured and commissioned by ANAXAM. The test bench is designed in such a way that relevant parameters can be dynamically adjusted during the

investigation. This means that real driving conditions can be reproduced well on the test bench.

The aim of the joint project was to visualize and analyze in detail the micromovements of brake components.

“ Working with ANAXAM, who created the tailor-made test bench, and in combination with neutron imaging, we were able to investigate non-destructively the micro-movements of the brake components.”

Mathias Kolb, Development Engineer,
– Audi Sport GmbH

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