

# TIRA

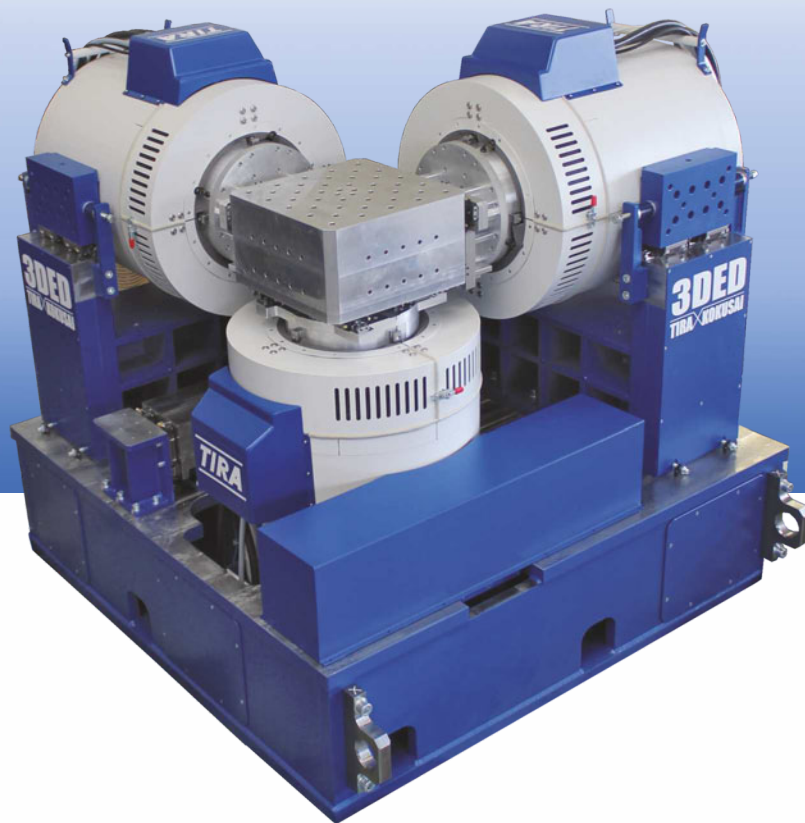
**Schwingtechnik**  
Vibration Test Systems

# Kokusai

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## Kokusai / TIRA 3D-Shaker-System 3x35 kN



### Reproducing the real environment

The demand of development for 3-axis simultaneous test machine that can cover high frequency band to 2000Hz was requested by automobile parts manufacturers. According to the needs, Kokusai Co.,Ltd started to develop a 3-axis simultaneous vibration testing machine with the goal, that the specification is MIL suitable for automobile parts and aircraft industry.

In a joint project, TIRA GmbH as manufacturer of vibration test systems delivers the necessary vibration test machines including shakers, amplifiers and cooling devices as well as realizing the control hard- and software.



3D-Shaker-System

TIRA Vibration Test Systems