KISTLER
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RoaDyn S6 user training – measuring wheel forces

Seminar description
Kistler RoaDyn wheel force transducers are used in chassis and chassis component research and development to record load spectrums and for physical simulation on road simulators. The seminar provides an overview of the function principle and application options offered by wheel force transducers during operation and/or on the test bench. Special emphasis is placed on the strain gage-based wheel force transducers in the RoaDyn S6 series. Seminar participants learn how to commission the RoadDyn wheel force transducer, configure data acquisition and conduct measurement plausibilization during a practical exercise. They also gain valuable insights into mounting/dismantling procedures and practice checking that the wheel force transducer is in good working order.

This seminar lasts two days. As the content of the training on the first and second days (application during operation/ on the test bench) is closely related, we recommend booking both days. However, days can be booked singly.

User training operational application (RoaDyn S6):

Seminar content
- Fundamentals
- Mechanical design
- Measuring principle
- Data transmission principle
- Measurement and analysis functions
- Coordinate system
- Plausibility testing
- Angle correction when using an out-board transmission unit
- Hexapod calibration

Practical component with hands-on exercises
- Commissioning an electronics unit
- Measurement value plausibilization

Goal
This seminar is aimed at teaching participants the fundamentals, enabling them to perform initial commissioning of a wheel force transducer unaided.

Target group
Users from the chassis and chassis component research and development field

Prerequisite for participation
Basics of measurement technology

Duration
1 day

Seminar number
9966B13-1-1-2-2 (user training operational application, RoaDyn S6)

The entire seminar can also be held in English on request. This seminar can also be held on-site at your company upon request. Please inquire about dates and cost.

Register at
training.de@kistler.com

961-241e-10.22