

# Force measurement in production processes

## Seminar description

This course will present the fundamental principles of piezoelectric force measurement technique in industrial plants. This includes information about production monitoring, statistics, zero-defect production and Industry 4.0. During the training, participants will learn how to properly select and size force and strain sensors, how they operate, and how to properly install and calibrate them. In workshops, they will then practice working with piezoelectric measuring chains. Live presentations of XY monitoring systems (Kistler maXYmos), which are used for production monitoring and quality assurance in production stations, will complete the seminar content.

## Seminar content

- Fundamental principles of piezoelectric force measurement technique in industrial plants
- Proper planning and commissioning of metrology solutions
- Sizing, installation, measurement accuracy and calibration of force and strain sensors
- Working with piezoelectric measuring chains
- Practical exercises
- Live demonstration of XY monitoring systems

## Goal

After the seminar, participants will be able to plan and commission a metrology solution (such as force-displacement measurement/monitoring) in their test setup or plant

## Target group

Design engineers, plant constructors and operators, measurement technicians, specialists in production monitoring, quality assurance, service and calibration

## Prerequisite for participation

None

## Duration

1 day

## Seminar number

9966B37-4-0-1-2

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