

ME-Meßsysteme GmbH



- > 30 years of experience
- > 80 employees
= 15 engineers
- > 40.000 Sensors per year
- ~ 50% customized sensors
- approx. 10 million € turnover per year
- ~ 80% with sensors
- ~ 20% with electronics
-



Applications of ME sensors

Commercial vehicles



Building monitoring



textile machinery



agricultural machinery



Medical technology



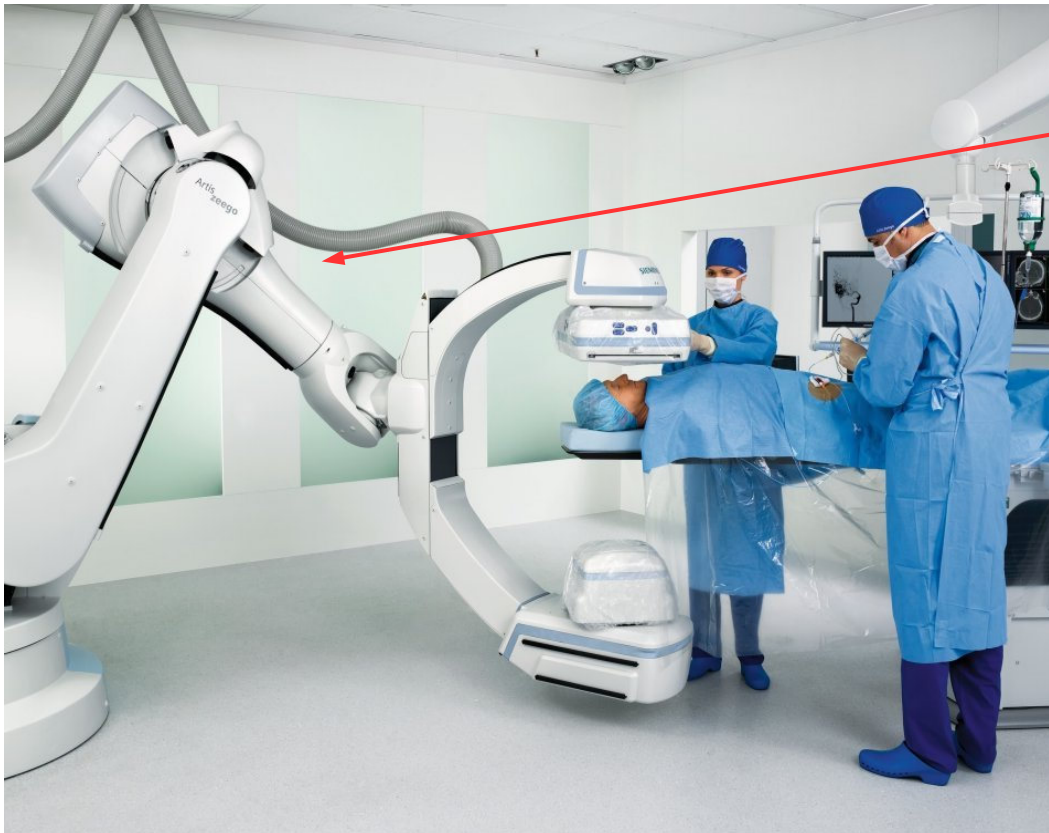
Robotics and test benches



Torque sensors for surgical microscopes



Collision detection when using C-arms



6-Axis Force / Torque Sensor

Control elements with multi-dimensional force sensors



Control unit for patient couch



Further applications of ME sensors

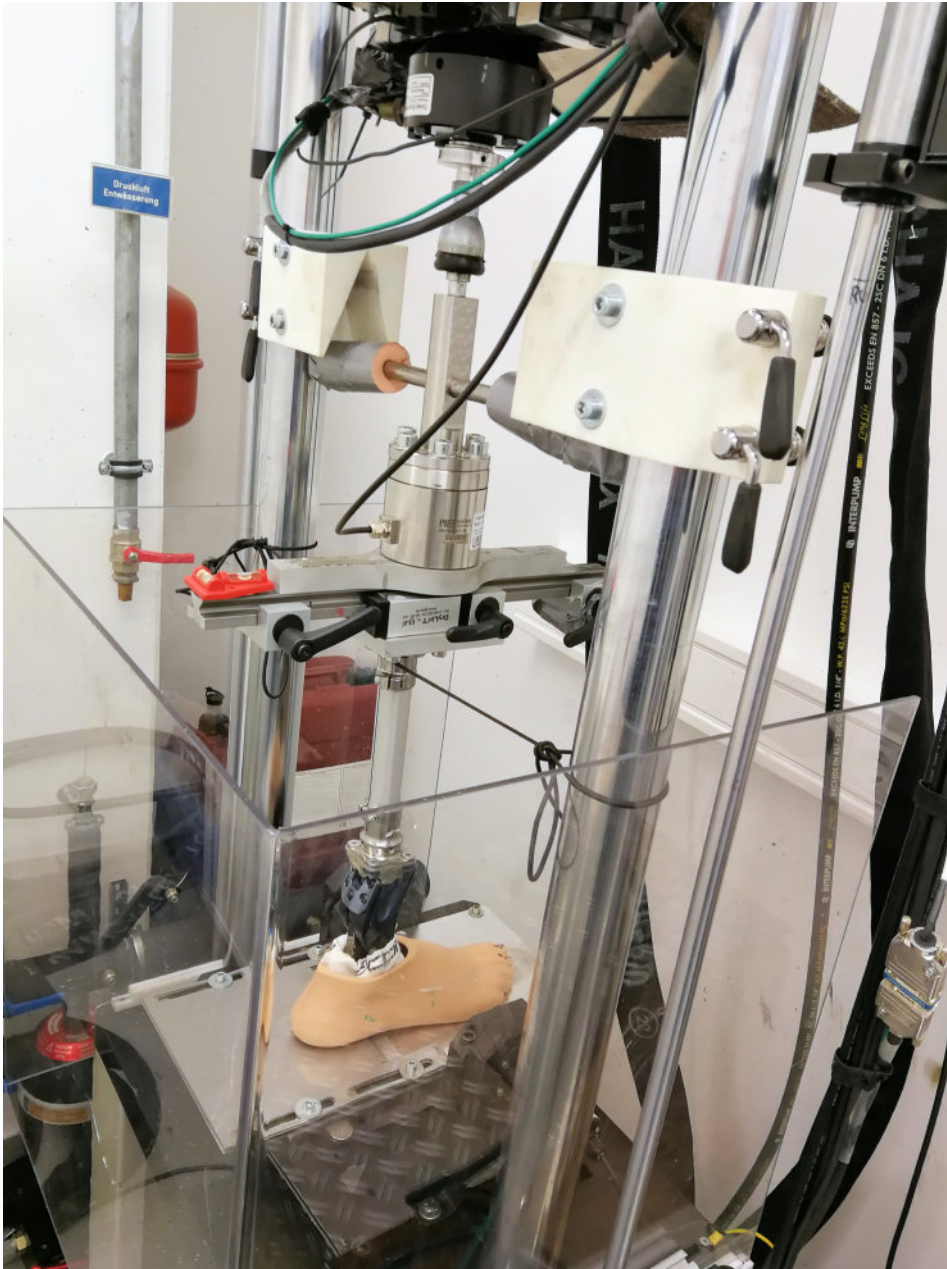
Torque sensors for drives in robots
Force sensors for control / navigation

Dental Trainer

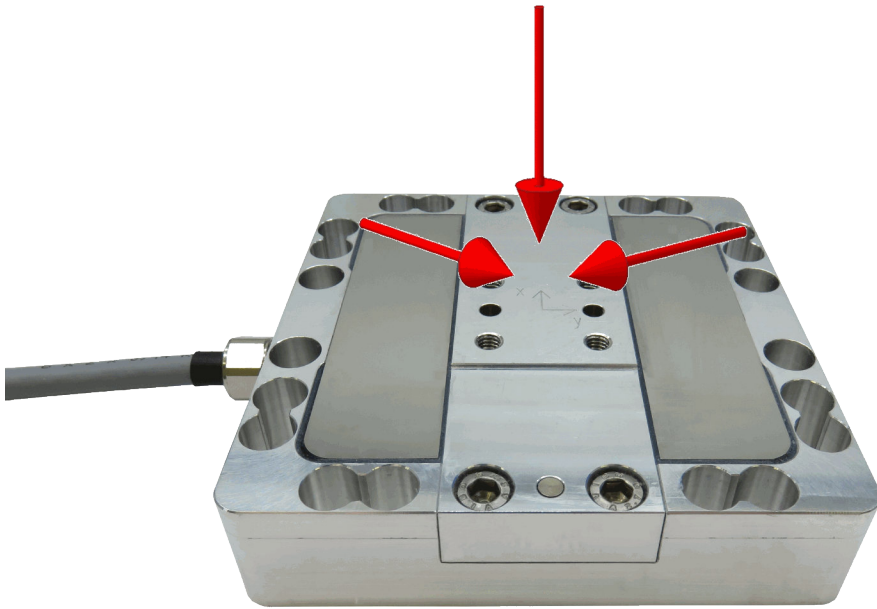




Applications in testing machines



Innovation: 3D and 6D Sensors



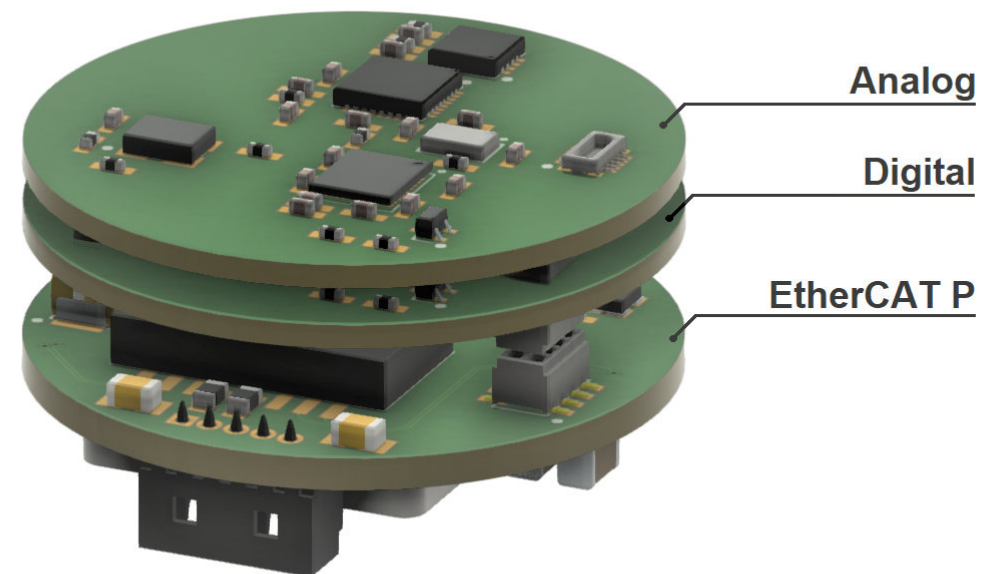
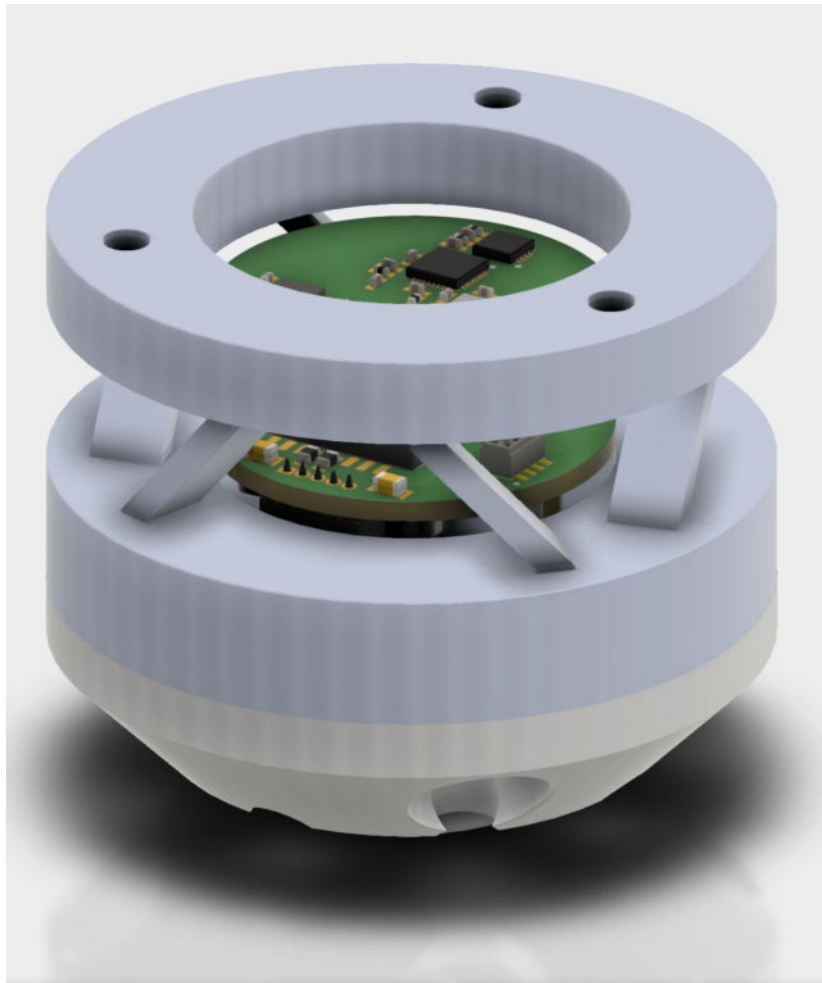
3-Axis-Force Sensor
K3D120



6-Axis-Force-Torque Sensor
K6D80

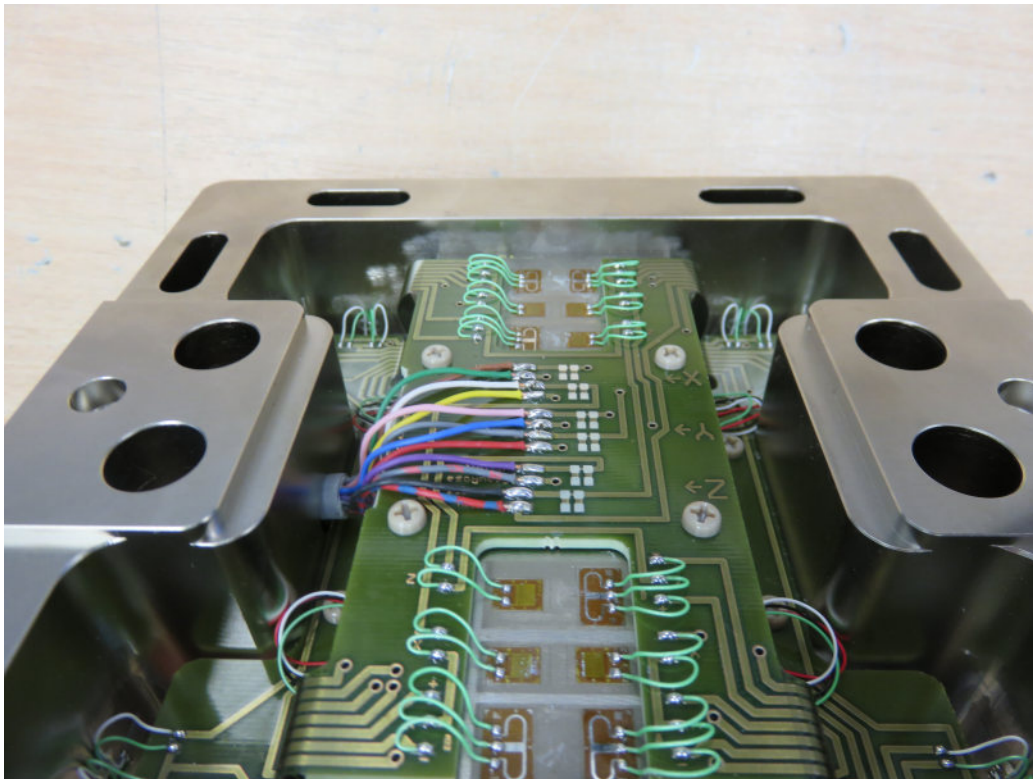
Force/Torque Sensor „KxD0140“

Modular design of the sensor electronics



Sensor manufacturing

Wiring



Bonding, surface preparation



Applications



Automation (collaborative robots)

Collision detection

Force-torque controlled drives

Measurement of cutting forces / pressing forces

**Handling systems Measurements in sports medicine /
rehabilitation technology**

Assembly of components

Research and development





Service

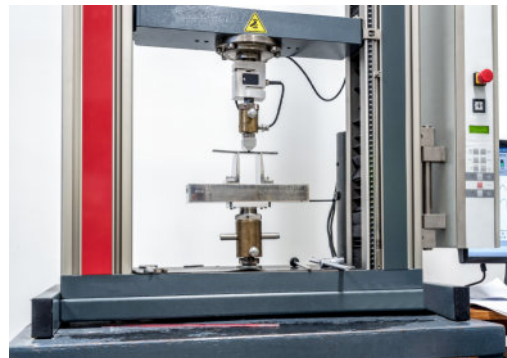
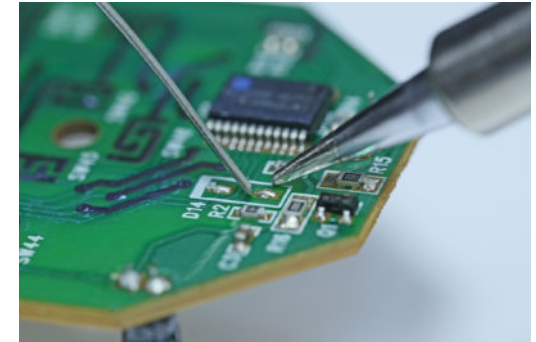
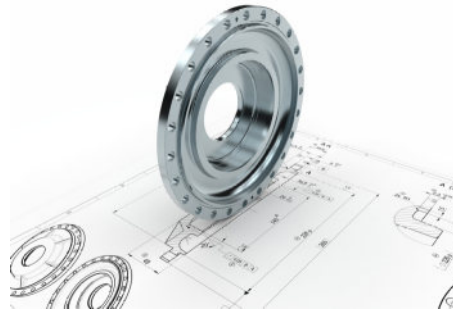
Custom Sensors

Development of electronics

**Application of strain gauges on
buildings, machines, vehicles**

Calibration service

Training & Seminars





Thank you for your attention



ME-Meßsysteme
GmbH
Dr. Holger Kabelitz