

Field testing

Sensor data that is obtained from field tests represents the actual load on a bicycle: it includes the influence of rider weight, cycling speed, tyre pressure, etc. It forms the basis for input the test specifications of both virtual and lab testing.



Features:

- Force measurements at interaction points: saddle, handlebar, pedals and wheel axles
- Vibration measurement with accelerometers for comfort evaluation
- Strain (rosette) measurements at critical locations on structural bike components
- Up to 32 channels possible
- Low weight of the acquisition and storage unit, with minimum impact on riding behaviour of the bicycle

