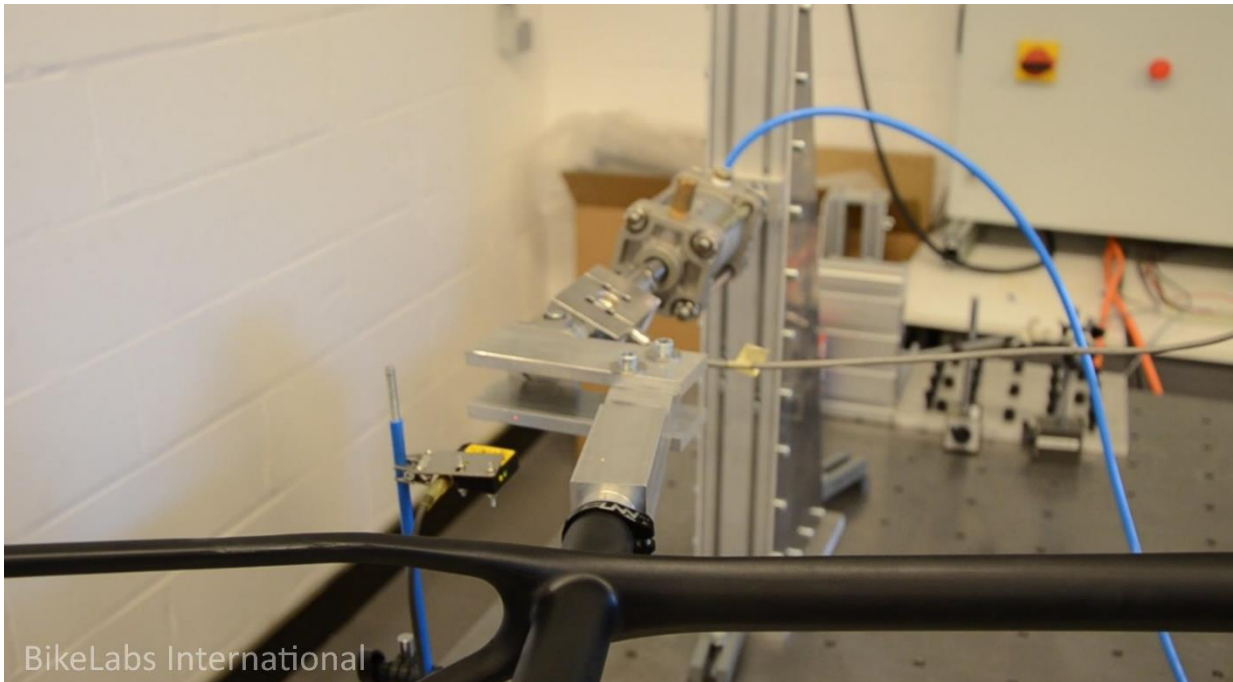


## Mechanical tests on bike components

BikeLabs International tests frames, front forks and other bike component according to the ISO4210:2014 and EN15194:2017 standards, including impact, fatigue and strength tests.



### Features:

- Pneumatic force-controlled actuators with displacement monitoring
- Load range up to 3 kN
- Fatigue tests with simultaneous multiple load control points
- Impact tests with impact height up to 1 m.
- Strain gauge measurements for strain (and stress) measurements on bike components near critical locations
- Also for two-wheelers with extended wheelbase, e.g. tandem
- Extension to three-wheeled bikes is possible (ask for the possibilities)
- All results of the tests are saved as a text file and therefore can be used for a later documentation or analysis of the tests