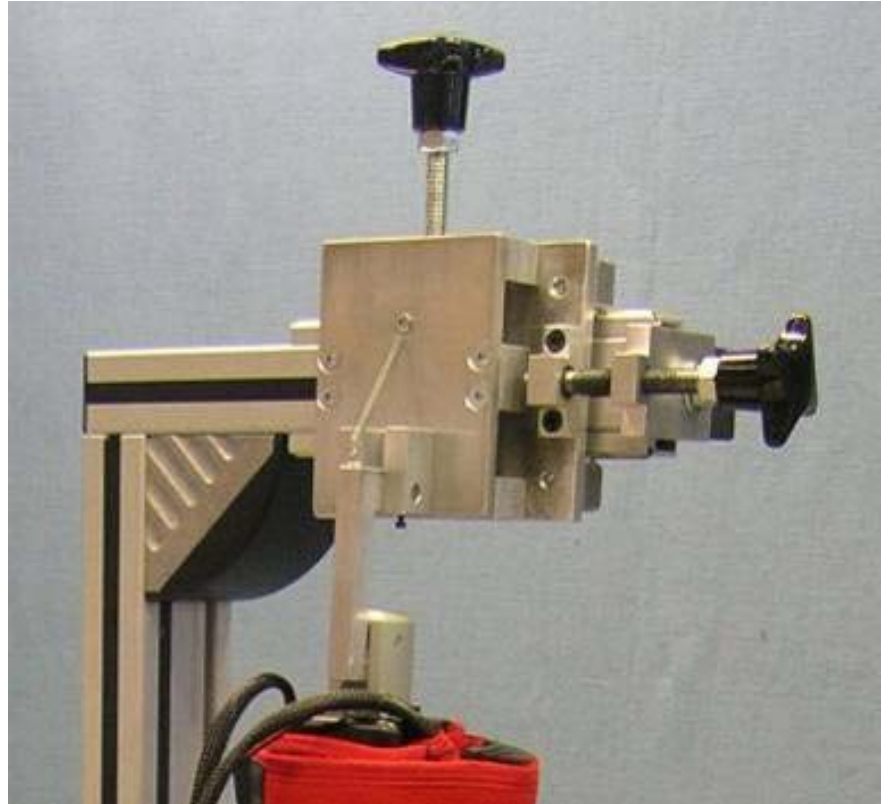
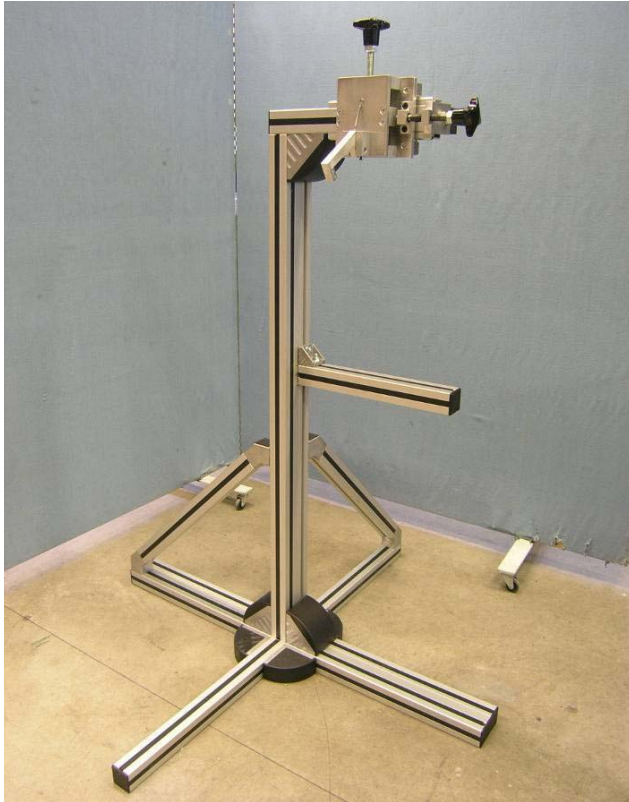


Status of the Flex PLI – Inverse Certification



- Inverse calibration rig with spring release

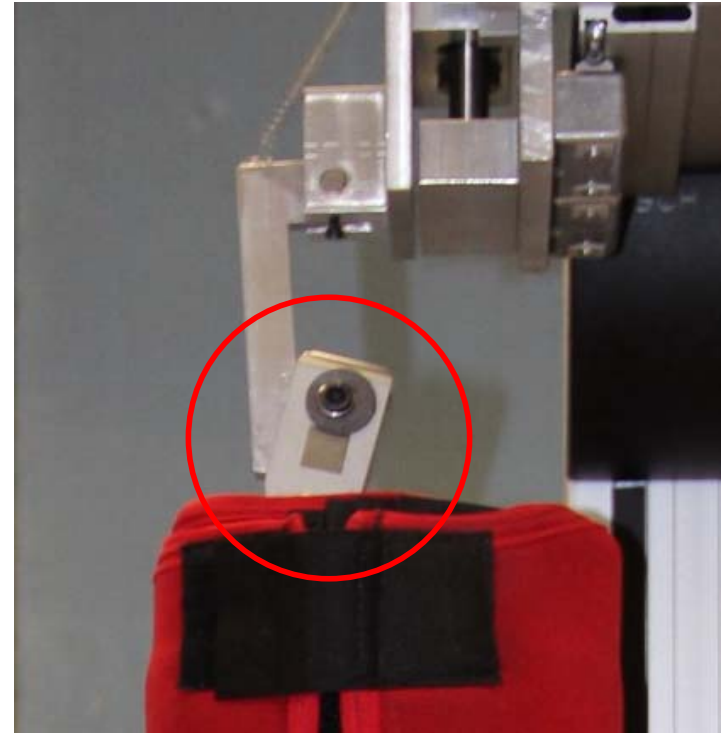
Status of the Flex PLI – Inverse Certification

Launch guide alignment 1



Launch guide alignment 1 leads to vertical hanging angles of the impactor up to 2°

Launch guide alignment 2



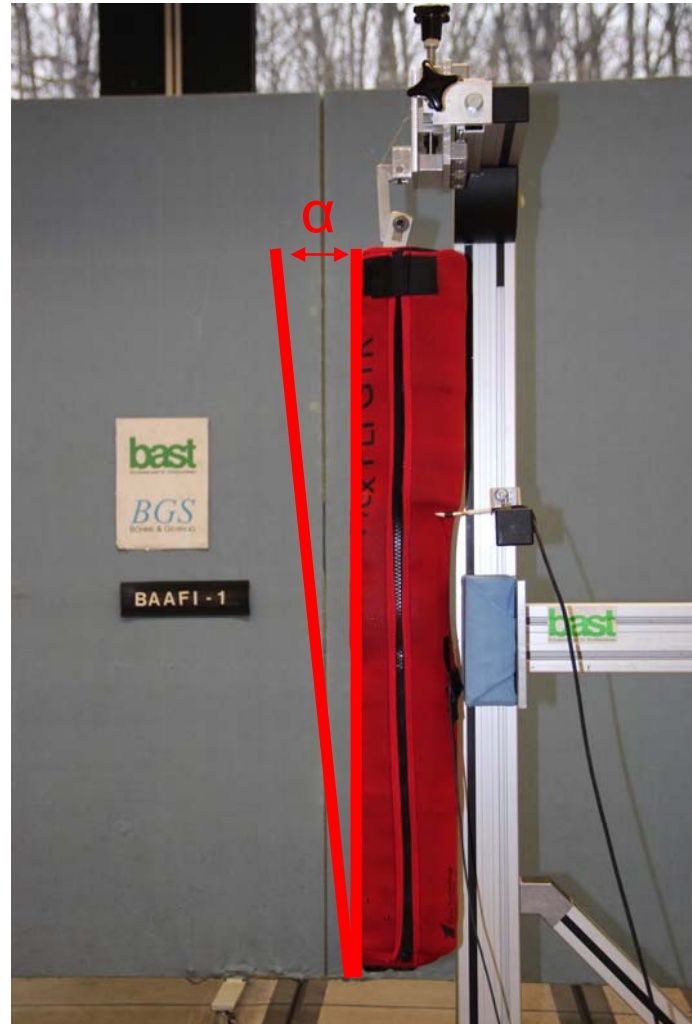
Reduced scatter in the hanging angle due to launch guide alignment 2

Status of the Flex PLI – Inverse Certification

Hanging angle α :

- > Test 1 : 0.5°
- > Test 2 : 0.4°
- > Test 3 : 0.3°
- > Test 4 : 0.4°

All tests performed with in dummy data acquisition system



Status of the Flex PLI – Inverse Certification

- Launch guide angle α : 15°
 - > Tilting the launch guide forward by approx. 15° provides a more stable hanging position of the impactor and a reduced angel of inclination.

We recommend to tilt the launch guide.

