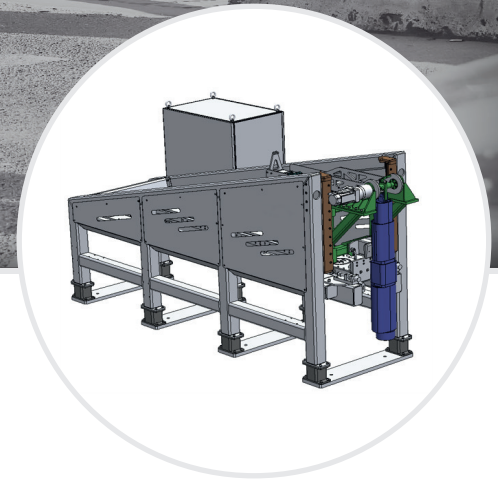


APLI UPGRADE

E-LINER FLEX-ZERT



With a much higher risk of being seriously injured, pedestrians are one of the most vulnerable road users. The E-Liner Flex-Zert is an electrically-driven test rig used for, amongst other things, the certification of the legform impactor FLEX PLI GTR, which is being used for pedestrian protection testing. During the pendulum test, the legform impactor is automatically lifted up along with an additional weight in at one end, and then falls freely against the impact wedge. During the inverse test, a linear guided impactor is fired acc. to GTR9 to strike the legform impactor.

SPECIFICATIONS

| | |
|---|------------------------|
| Drive | Electrolinearmotor |
| Connection Power | 400 V, 32 A |
| Dimension (W/L/H) E-Liner Flex-Zert | 850 x 3.200 x 1.400 mm |
| Dimension (W/L/H) E-Liner Flex-Zert aPLI Upgrade | 850 x 3.200 x 1.600 mm |
| Maximum Speed | 11,5 m/s |
| Repeatability | +/- 0,05 km/h |
| Winding of the Legform during the pendulum test | Automatically |
| Control software | Siemens |

Together with the FLEX STATIC, all relevant FLEX PLI GTR certification tests are covered. The dynamic certification of the TRL upper and lower legform can also be performed. Since 2020 the aPLI legform can be certified as well with the E-Liner Flex-Zert.

Due to the dynamics of the aPLI certification procedure, which includes two different impact positions, some modifications to the Flex-Zert are necessary for an aPLI certification. Almost all E-Liner Flex-Zerts qualify for this upgrade. With this according aPLI upgrade, the E-Liner Flex-Zert can now also be easily used for the certification of the aPLI as well.

If you are interested in the aPLI upgrade, please contact:

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