

Tree Stability & Safety Testing - Using the power of the Wind

The FAKOPP DynaTree, measures both extent of rootplate movement and strain in the stem as the tree moves in response to wind.

Movement $>0.001^\circ$ degrees in the roots is recorded by an Inclinator.

Whilst movement $>0.0003\text{mm}$ is recorded by Elastometers on the stem.

At the same time the Anemometer, records the speed and direction of the wind at a height of 10 metres.

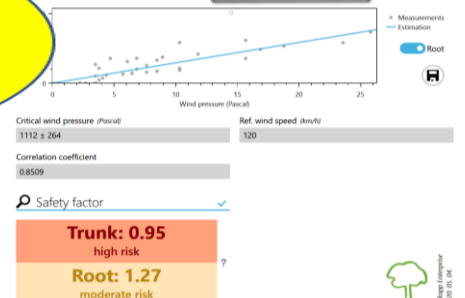
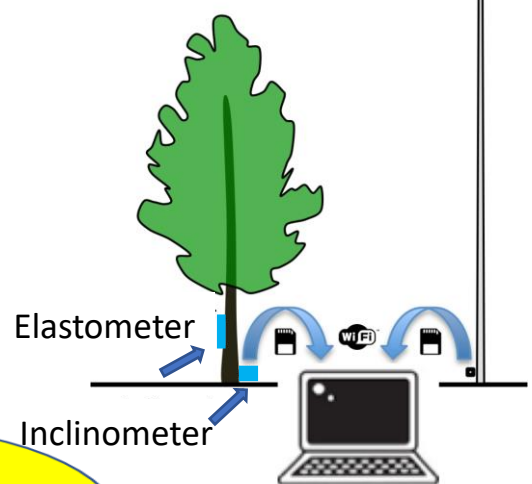
The data is fed into the DynaTree software which assesses the movement patterns in response to onsite wind data.

The software presents its results in an easy to understand visual guide in the form of a colour coded safety factor.

Tree safety by DynaTree is like a virtual Tree Pull using the real life wind.



Anemometer



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