

Tree Pulling at present, is the most accepted method for evaluating the safety and stability of tree root systems.

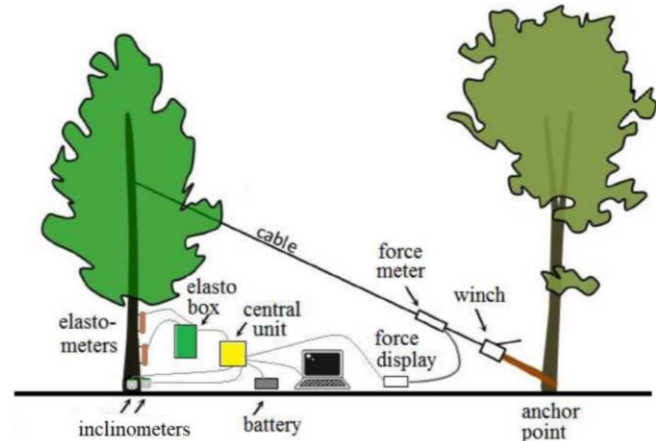
It involves applying a known load on the trunk via a cable attached to the tree and measuring the trees response using Inclinometers attached to the buttress and Elastometers attached to the trunk.

Specialist software in addition to recording the results, warns when the limits are approached to avoid damage.

The test results are combined with tree and site information to provide an assessment of the trees safety and enable comments upon the impact of potential defects.

The system is ideal for managing trees associated or suspected of root decay, root damage or where stem defects have been identified.

Prices from  
**£4899.00+VAT**  
Call for info



Measurement			
Name	Beech on the Green		
Rope height on tree (m)	8.50		
Anchor-tree level difference (m)	1		
Anchor-tree distance (m)	16.80		
Drag factor	0.30		
Wind speed (m/s)	24.00		
Crown Area (m <sup>2</sup> )	425.00		
Crown center height (m)	16.2		
Elastic Limit (%)	2.6		

Inclino Inclino2 Elaso1 Elaso2

Alpha (°) = 0.42  
 $F_{max} (N) = 340657.25$   
 $M_{max} (Nm) = 264069.06$   
 $M_{wind} (Nm) = 713836.80$   
 $SF = 3.70$

- Filters
- ☒ Tare force at first value
  - ☒ Monotonicity for force
  - ☒ Monotonicity for inclination

