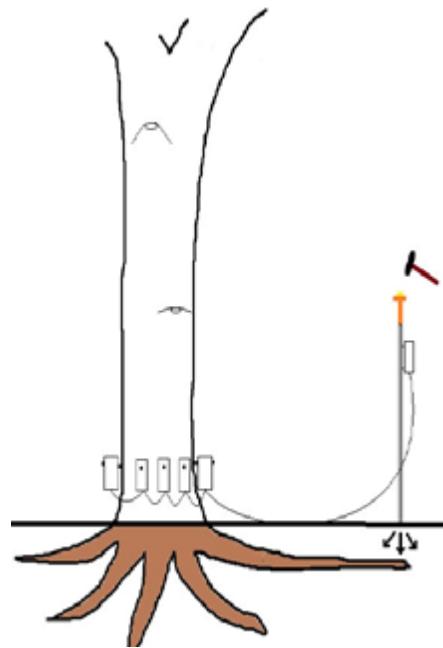


ARBORADIX™

Arboradix™ root diagnostic tool to be used in combination with Arbotom® stress wave tomograph

Measurement principle:

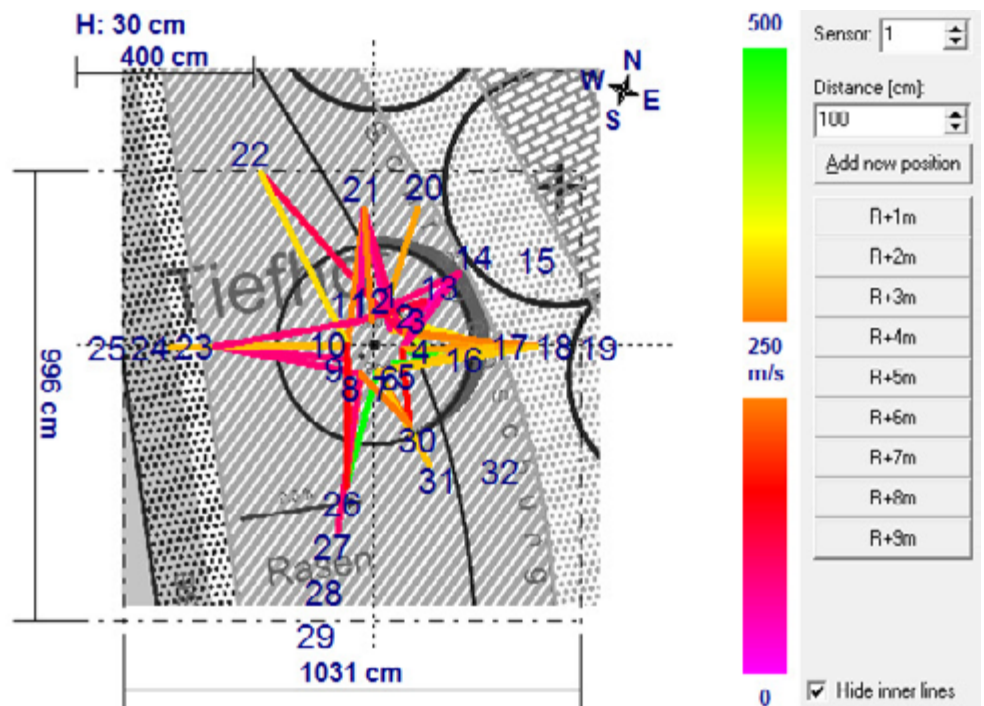
- Positioning of Arboradix™ where roots are expected, then knock on it
- Arbotom® sensors on stem base of tree react when mechanical impulse arrives
- Roots with diameter of down to 2cm in a depth of down to 50cm detectable
- Line-graphs indicate major root area and extension / distance of major roots from stem base



Applied in Germany since 2004 as part of expert reports in order to find roots in urban areas, to check extensions after ground works and to prevent root damages before designing building pits and trenches.

Arboradix™ Software

- Overall-stress wave speed from pin to sensor ranges from approx. 100 to 500m/s
- Fast and easy positioning of root sensor through quick buttons for changing root measurement distances



Solutions for soil, plant & environmental monitoring



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