

ARBOTOM[®]

3-D impulse tomograph

Non-destructive inspection
of the inner condition
of trees



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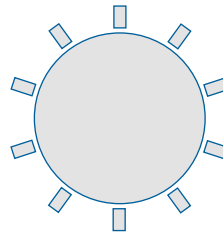
User and Applications

ARBOTOM impulse tomograph is used to inspect the safety of hazardous trees and for determining the quality

of wood. Using the new Arboradix module, you can also detect damaged roots.

How it works

Multi-function sensors serve as transmitter and recipient of acoustic impulses. Special software calculates the measured values and converts them into a colored chart. Material that is damaged or mechanically isolated appears in the chart as red, intact material is green.



Advantages

- non-destructive testing
- quick and easy handling
- calculation according to specific type of wood
- graphic evaluation is immediately displayed

- documentation of all measured values and evaluation steps
- variable number of sensors can be attached – extendable
- 2 or 3-dimensional measurement possible

Handling

1. Attach sensors to tree and enter the positions in the analysis software
2. Connect the first sensor with the battery pack and hook up the other sensors to each other with the cable

3. After activating the software, knock on each sensor with the hammer
4. The evaluation immediately appears on the screen and can be saved and printed out



System components

- Multi-function sensors (2-24 or more)
- Cable connections, hammer and pliers
- PC/Notebook, optional with remote control
- Software for evaluation
- Case with battery pack for power supply

Service

- Demonstration on location by our specialists
- Purchase or leasing offers
- Training on location
- Support period can be chosen when convenient
- Further development of existing products



Please do not hesitate to contact us if you have any questions:

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More detailed information also concerning other products for tree, wood and annual ring analysis can be found at:

www.rinntech.com