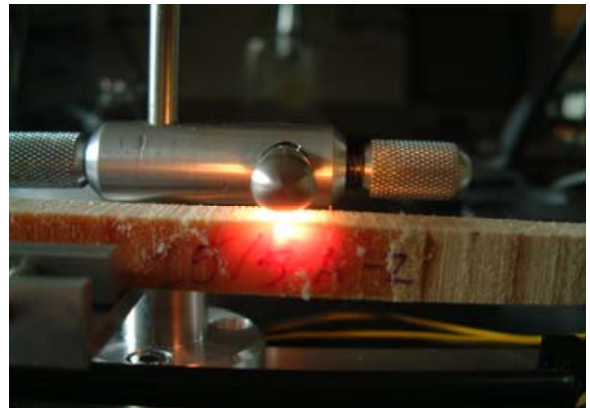


## Evalutree<sup>MD</sup> Is the One-Stop Source for Rapid and Cost-Effective Measurement of Wood and Fibre Properties

### Why Are Fundamental Wood Properties Important?

Wood and wood fibres are complex materials, the result of a tree's genetic make-up and unique growing environment. Evalutree® technologies measure properties that are important determinants and predictors of solid, composite wood, and fibre-based product performance.

Our wood quality specialists at Evalutree® will analyze your wood samples using state-of-the-art, non-destructive methodologies, allowing you to rapidly screen your samples.



#### Capabilities

- Wood Density
- Fibre Dimensions
- Ring Dimensions, Earlywood / Latewood Ratio
- Microfibril Angle
- Wood Stiffness
- Fibre Collapsibility
- Moisture Content (Chips, Hog Fuel, Sludge)
- Levels of Decay, Staining or Colouring
- Chemical Imaging, Analysis
- Contaminant Analysis

#### Techniques

- SilviScan
- Confocal Laser Scanning and Multiphoton Microscopy
- Environmental Scanning Electron Microscopy
- Hi-Res Fibre Quality Analyzer
- X-Ray Densitometer
- FTIR and Raman Spectroscopy
- Microwave Extraction / Digestion

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