



INSIGHT TREE IMAGING LLC

Level 3 Risk Assessment & Root Mapping

Resistograph Testing

Resistograph testing is an advanced tree risk analysis procedure that is minimally invasive. The device uses a very small but long drill bit (20 inches). As the drill bit enters the wood, it measures the resistance it encounters as it passes through hard (healthy) wood and into soft (decayed) wood, or hollow areas. As their name indicates, resistance recording drills provide visual documentation on drilling resistance for final reporting. Measurements are recorded at a 1:1 scale involving an onboard computer with paper printouts available in the field, allowing the technician to partially assess the condition of the tree part drilled on site. Internal data is recorded electronically and saved for visualization and assessment with its software back at the office.