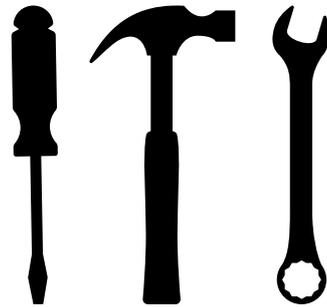


TreeTalker[®] Carbon installation

Guidelines & regulation

Tool list for Installation



1. Electric Drill
2. Metal Chisel
3. Template (drilling guide)
4. Phillips screwdriver
5. Drill bit Torx t15

Included components:

1. Antennas
2. Tree straps
3. Mounting plates
4. Nuts and Bolts
5. Template (drilling use)
6. Screws (screws for boreholes carbon probe)

Dendrometer installation

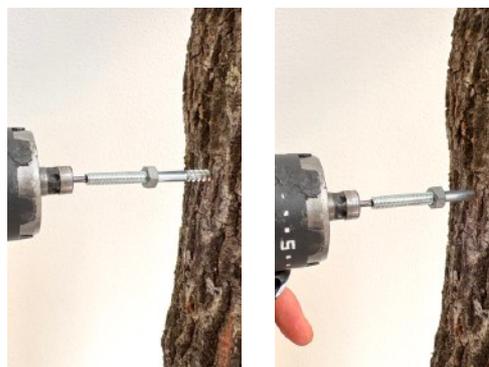
When installing a dendrometer:

- **Conifers:** Avoid the lower side of leaning branches or stems, where dense compression wood may distort readings.
 - **Broadleaves:** Avoid the upper side, where flexible tension wood can impact measurements.
- Positioning on unaffected wood improves data accuracy.

1. Clean the surface of the tree for installation. Remove any surface irregularities and try to place the guide template on a part of the tree that is a 90 degree face.
2. Use the template as a guide to insert the screws that will support the Dendrometer.



3. Insert the screws until the end of the threading.



4. Place the nuts on the screws.
5. Insert the Dendrometer onto the screws, bringing it closer until the movable tip touches the trunk. The distance of the device from the trunk can be adjusted using the nuts.



6. Insert the rear nuts to lock the Dendrometer in place.



7. Example of the correct assembly of the Dendrometer



8. Example of the correct connection of the cables and antenna. Dendrometer on the left, Sap Flow probe on the right.



9. To turn on the device, move the supplied magnet over the area marked by the sticker on the side of the device and wait a few seconds for the light at the bottom to turn on. To turn it off, use the opposite side of the magnet and wait for the light to go out.

