



The picture below shows the result of the installation procedure carried out:

- bark removed carefully, measurement place cleaned
- hole with 2.1mm drilled - about 22mm deep
- alu-tube inserted carefully with UP insertion tool
- sensors with a thin skin of isolating heatsink compound covered and installed in alu-tube
- use Terostat (the grey compound that comes with the installation kit) to seal installation place against rainwater running down the tree
- fix cable and connectors in a way that no tension is applied to the sensor-needles
- install the radiation-protectionshield around the sensor - seal the top of it again with Terostat





The picture below shows an example of an installation that is used for measuring sapflow at 6 trees in a forest close to the river ELBE. The system consists of: a solarpower-supply (charging-unit, 90Ah Akkumulator, 2x 55W Panel, mounted on top of the trees!!), sapflow-sensor power-supply (2x) for 6 sensors, power-supply for 6 dendrometers (to measure tree perimeter) - DL2e-Logger for datacollection. All components housed in a IP65 box.



UP also offers combinations of 1-8 channel loggers combined with sapflow-sensors, light-sensors etc. We fit the measurement systems to your requirements!

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