

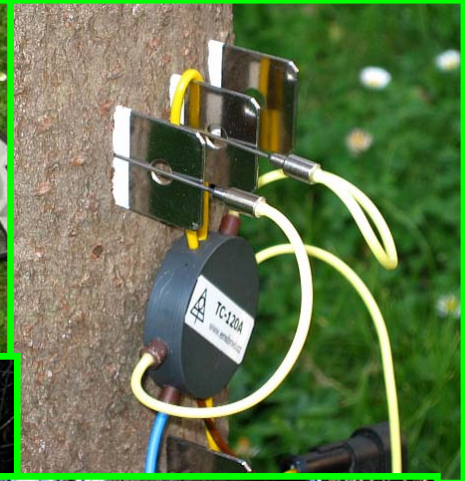


# Environmental Measuring Systems

## Sap Flow Module EMS 51 for large stems operating with constant dT

### Main features:

- THB method with variable power
- Power requirements proportional to sap flow rate – fits to solar powering
- Extremely high efficiency > low energy consumption
- One channel unit with signal outputs fitting to common dataloggers
- Battery operated
- Manufactured by EMS



### Specification:

- Minimal stem diameter 12 cm
- Constant temperature difference 1 K
- Signal output 0 to 2500 millivolts
- Average power consumption 0.3 – 0.4 W
- Accessories:
  - set of stainless electrodes
  - thermosensors TC-120
  - installation tools, weather protection set.

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