



Environmental Measuring Systems

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EMS 62 modular sap flow system for small stems or branches operating with constant dT

Main features:

- SHB method with variable power
- Stem diameters from 6 to 20 mm in two sensor dimensions
- Extremely high efficiency > low energy consumption
- Power requirements proportional to sap flow rate – fits to solar powering
- Flexible channel number in a set
- Signal outputs fitting to common dataloggers



Specification:

- Constant temperature difference 2K or 4K
- Signal output 0 to 2500 millivolts
- Average power consumption 0.3 – 0.4 W
- Main parts:
 - EMS 62 module
 - SF 60 "baby" sap flow sensor for diameters 6 to 12 mm
 - SF 60 "baby" sap flow sensor for diameters 10 to 20 mm
 - Radiation shield
 - Datalogger, cables, terminal box



www.emsbrno.cz