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Skye DataHogs for Sap Flow Measurement

Measuring sap flow is a key technique in understanding and regulating plant water relations. Transpiration depends on water-potential in the leaves and meteorological parameters (Wind, Radiation,

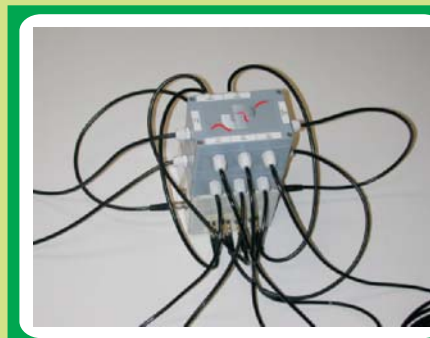
Humidity and Temperature) as well as on soil moisture. Sap flow/Transpiration starts in the early morning hours and has maximum values about midday.



Skye's German distributor UP Umweltanalytische Produkte GmbH have been manufacturing sap flow sensors for over 10 years and offer a complete measuring system based on the Skye DataHog. This includes the sensors, an OEM DataHog, a heater and power supply.

Any number of sap-flow sensors can be connected to a Skye DataHog - up to 8 to a DataHog2.

For further details please contact Gerhard Kast from UP Umweltanalytische Produkte (g.kast@upgmbh.com) or visit their website www.sapflow.com



The Equipment

DataHogs are very versatile, easy-to-use Dataloggers. Whilst we have standard versions available, these loggers can often be adapted for many applications. We can supply them in different boxes and with different connectors, for example. Please do not hesitate to contact our Sales Team if our standard DataHog package doesn't seem quite right for your project/application - we may still be able to help.

Further details on DataHogs at www.skyeinstruments.com/DataHog2.htm or please complete our Faxback.

SKYE INSTRUMENTS LTD

21, Ddole Enterprise Park, Llandrindod Wells, Powys, LD1 6DF, UK

Tel: +44(0)1597 824811 Fax: +44(0)1597 824812

Email: skyemail@skyeinstruments.com Web: www.skyeinstruments.com

