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(ISO 9001:2015 certified)

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Dendrometer

Radius DR

Radius

DRW

Diameter

DD-S

Diameter

DD-L

Diameter

DDW

Circumference

DC1

Circumference

DC2, DC3

Fruit DF

Root/UnderWater

DRO

Vertical DV

Data

samples

Equitensiometer

Sap Flow Sensor

SF-G

SF-L

Leaf Sensor

Δ LA-B (Δ T Leaf-to-Air-Broadleaf type)

Δ LA-C (Δ T Leaf-to-Air-

Dendrometer

Equitensiometer

Sap Flow Sensor

Leaf Sensor

Data Logger

drometer (DR)

ored by two special screws in the

Δ LA-B (Δ T Leaf-to-Air-Broadleaf type)

Δ LA-B (Δ T Leaf-to-Air-Conifer type)



Advantages

- Stability against wind, snow, falling branches and fruits
- Low pressure at the measuring point
- Suitable for large trees (diameter > 8 cm)
- Ideal for long-term measurement with less manpower

Limits

- Trunk is injured by drilling (the damage can be minimized by tree resin)
- Suitable only for larger trees (diameter > 8 cm)

Delivery

- Complete with 5 m cable

Options / Ordering Information

- Cable extension (please specify in meters)
- Installation tools (tree resin, hand drill)
- Data Logger

Technical specifications

Name	Radius dendrometer (DR)
Suitable for plant size	Diameter > 8 cm
Range of the sensor	11 mm

Conifer
type)
Data Logger

Accuracy	$\pm 1.5 \mu\text{m} \pm 0,12\%$ (CR1000 Logger)
Resolution	0.2-2.6 μm (dependent on used data logger)
Linearity	1%
Thermal expansion coefficient of the sensor	<0,1 $\mu\text{m/K}$
Operating conditions	-25 to 70 °C air temperature, 0 to 100% relative air humidity

COMPANY

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