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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

Diameter Dendrometer Large (DD-L)

The sensor is mounted on a patented fastening technology at the plant. The sensor remains stable fixed at the measuring point without exerting too much pressure on the measuring point. The model is suitable for diameter of 3-30 cm.



Advantages

- Suitable for diameter 3-30 cm
- Measures diameter changes, higher precision than with radius measurements
- No Injury to plants
- Minimal load on the target
- Stability against wind, snow, falling small branches and small fruits
- Ordering by size of plants possible

Limits

- Not suitable for diameter greater than 30 cm

Delivery

- Complete with 5 m cable
- Fixing materials and installation tools (wrench)

Options / Ordering Information

- Cable extension (please specify in meters)

ΔLA-B (ΔT
Leaf-to-
Air-
Broadleaf
type)
ΔLA-C (ΔT
Leaf-to-
Air-
Conifer
type)

- If necessary specify frame size in case of differing plant diameter
- Data Logger

Technical specifications

Name	Diameter Dendrometer large (DD-L)
Suitable for plant size	Diameter 3-30 cm
Range of the sensor	11 mm
Accuracy	±1.5 µm ± 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 µm/K
Operating conditions	-25 to 70 °C air temperature, 0 to 100% relative air humidity

COMPANY

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