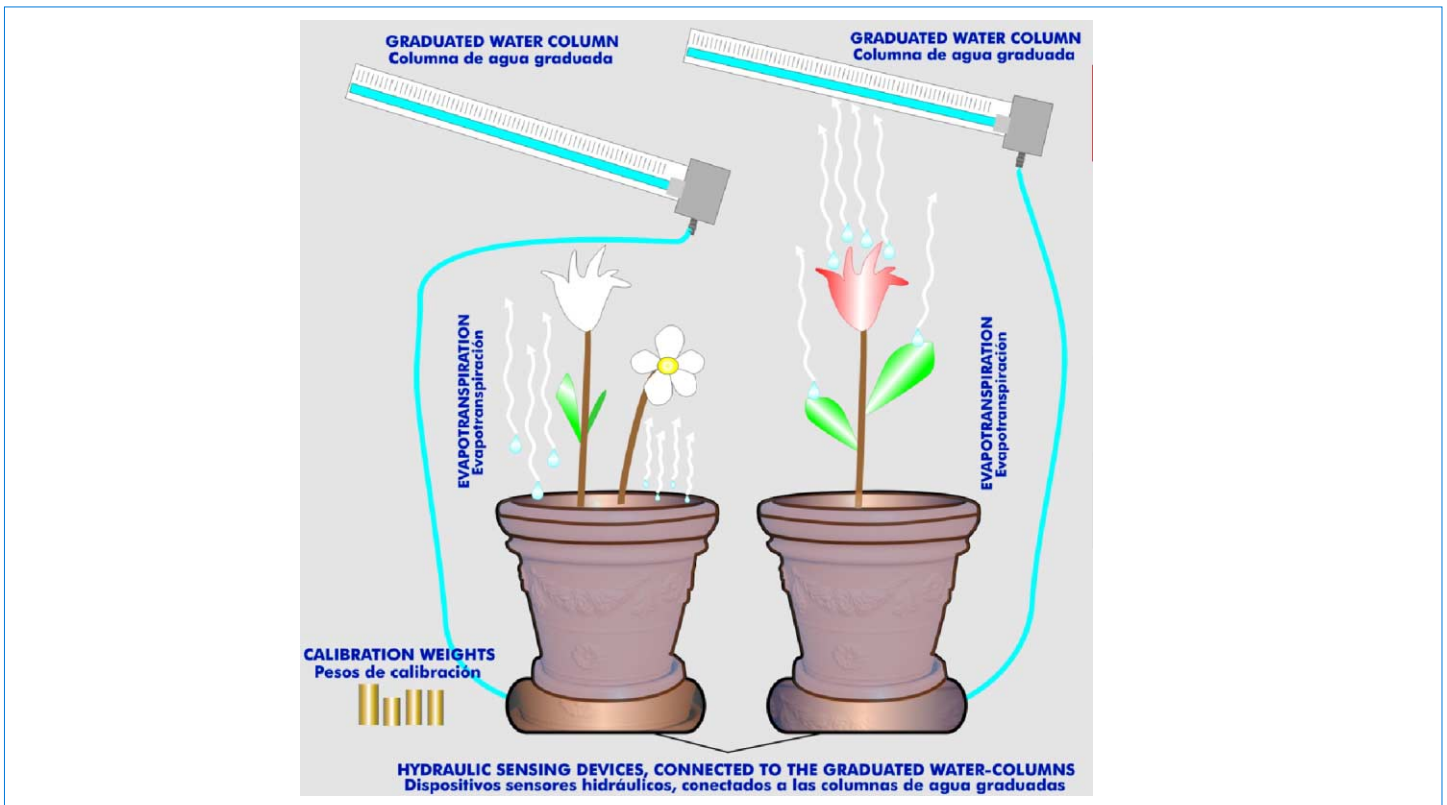




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PROCESS DIAGRAM AND ELEMENTS ALLOCATION



ISO:9001-2000 Certificate of Approval. Reg. No. E204034



European Union Certificate



Certificates ISO 14001: 2004 and ECO-Management and Audit Scheme (environmental management)



Worlddidac Quality Charter Certificate
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DESCRIPTION

Unit designed for the measurement of evapotranspiration by water-balance method.

The Demonstration Lysimeter (PL) consists of containers in which may be placed any soil type and several crop types grown.

Each container can then in turn be placed on a hydraulically mounted plate which is used to observe system weight changes arising from evapotranspiration.

SPECIFICATIONS

Anodized aluminium structure.

Panels and main metallic elements in stainless steel.

Diagram in the front panel with similar distribution that the elements in the real unit.

2 bases and 2 inner discs to support soil filled recipients and plants.

2 hydraulic sensing devices located in the bases, connected to the graduated water columns.

2 graduated water columns , mounted above the lysimeters.

Two 300 mm. approx. diameter containers. Each container can then in turn be placed on a hydraulically mounted plate which is used to monitor system weight changes arising for evapotranspiration.

Set of calibration weights (2 of 2.5 Kg., 1 of 0.5 Kg., 2 of 200 gr., and 2 of 100 gr.).

This unit have wheels to facilitate the mobility.

Manuals:

This unit is **supplied with the following manuals:** Required Services, Assembly and Installation, Starting-up, Safety, Maintenance & Practices manuals.

EXERCISES & PRACTICAL POSSIBILITIES

Some Practical Possibilities of the Unit:

- 1.- Study of the measurement of evapotranspiration by water-balance method.
- 2.- To use lysimeter unit.
- 3.- To determine plant water usage.
- 4.- To understand the relationship between reference maximum and actual transpiration.

DIMENSIONS & WEIGHT

- Dimensions .: 1000 x 700 x 1300 mm. approx.

- Weight : 60 Kg. approx.

*Specifications subject to change without previous notice, due to the convenience of improvements of the product.



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