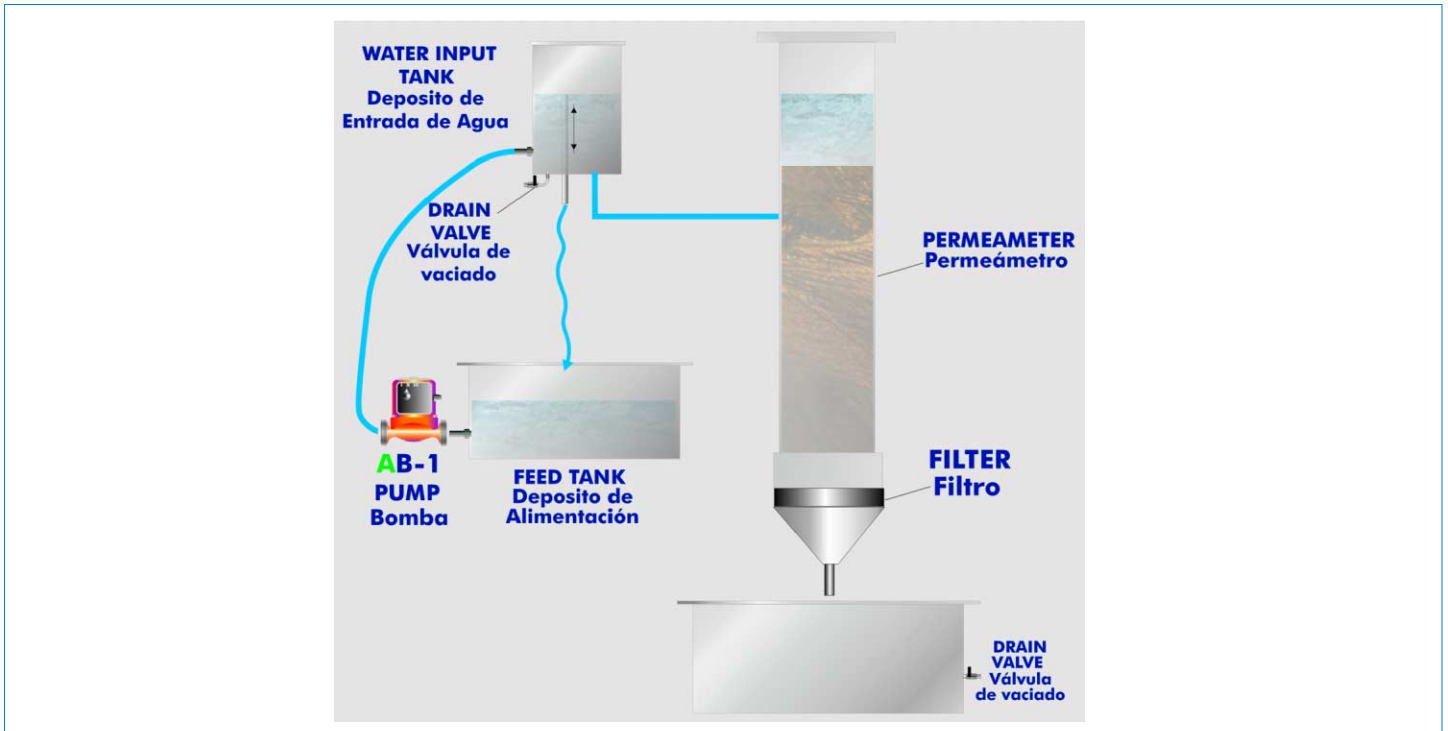




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PROCESS DIAGRAM AND ELEMENTS ALLOCATION



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 Worlddidac Member

DESCRIPTION

Unit designed for the study and laboratory investigation of field drain filter materials.

The unit consist of a transparent column which may be filled with any soil type, supported on a stand.

A removable base section is provided into which the filter material to be studied in placed.

Water is supplied to the column under a constant head and permeating water and soil is collected at the base.

The discharge from the drain can be observed to calculate the efficiency of the filter material.

SPECIFICATIONS

This drain permeameter is suited for use both as a teaching and demonstration unit and for laboratory testing and research.

Anodized aluminium structure.

Main metallic elements in stainless steel.

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

Transparent acrylic column of 100 mm. diameter, supported on a stand, which may be filled with any soil type.

Removable test section at the base of the column to house the filter medium to be tested.

3 different metallic filters.

Constant head supply device. This is an adjustable water input tank, which allows to regulate the pressure.

Feed tank, capacity: 20 l. approx.

Permeating water and soil collected tank. Capacity: 20 l. approx.

Water centrifugal pump.

3 drain valves, located in the tanks.

Cables and accessories, for normal operation.

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.- Investigation of drain filter materials.

3.- To determine relative efficiencies of drain filter materials.

2.- To select optimum filter/ soil combinations.

REQUIRED SERVICES

- Electrical supply: single-phase, 220 V./50Hz. or 110V./60Hz.
- Water supply.
- Drainage system.

DIMENSIONS & WEIGHT

- Dimensions: 500 x 700 x 1500 mm. approx
- Weight: 40 Kg. Approx.

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



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REPRESENTATIVE: