



1. General

The IC105D study unit allows to carry out all the experiences which are necessary to understand the physical processes of sedimentation.

The unit consists of five vertical transparent cylinders, mounted on a panel with graduated scales. The cylinders can be easily removed for filling and cleaning operations.

The solutions of the materials to be tested are introduced in the cylinders from top and it is possible to determine sedimentation rates.

A technical manual and an exercise book are supplied with the unit.

2. Composition

- Support frame
- No. 5 cylinders, made of pyrex glass, 1100 mm long, 50 mm dia
- Digital stop watch
- Graduated vessel made of borosilicate glass, 2 l capacity
- No. 5 graduated measuring tubes, 250 ml each
- Density bottle

3. Experiments

- Determination of sedimentation rate.
- Determination of sedimentation curves.
- Determination of sedimentation maximum rate according to Stokes' and Newton's laws.

4. Required services

- Water filling

5. Weight and dimensions

- Dimensions: 1400 x 700 x 1800 h mm
- Weight: 110 kg

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In any time and without notice, Didacta Italia can carry out any appropriate modification on the product details, always maintaining their main features, according to the designing and teaching necessity.