

## Liquid Sedimentation Apparatus (EDC-FM-118)

### EXPERIMENTAL DATA:

- Impact of coagulants on the subsidence velocity.
- Resolve and judgment of the settling velocities of solids in deferrals dependent on the solid density and attention and the liquid density and viscosity.



### DESCRIPTION:

Sedimentation is a physical water treatment process using gravity to remove suspended solids from water. Solid particles entrained by the turbulence of moving water may be removed naturally by sedimentation in the still water of lakes and oceans. Apparatus contains 5 transparent cylinders for investigated and comparison of sedimentation processes in different suspensions.

### SPECIFICATIONS:

- 5 transparent tanks with scale.
- Tanks are removable for filling, mixing and cleaning.
- Tanks backlit by fluorescent tubes to aid observation.
- Stopwatch to record the sedimentation time.
- Recommended accessories: balance, coagulant.

### DIMENSIONS AND WEIGHT:

- L x W x H (mm): 750 X 500 X 1200 approx.
- Weight: 35 kg approx.

### SCOPE OF DELIVERY:

- 1 x EDC-FM-118.
- 1 x Instructional Manual.

### TECHNICAL DATA:

- Transparent Tanks: H:1000mm, D:50mm.
- Fluorescent tubes.
- Measuring cups.
- Stopwatch.
- 230V, 50Hz, 1 phase.

