



Sedimentation Apparatus(SMT-FM-59)

The bench-mounting apparatus consists of five long, transparent sedimentation columns mounted on a rigid frame. The rear panel is translucent, with back lighting to improve observation of settling sediments in the columns. The columns are removable for filling before tests. A graduated scale on the rear panel allows students to measure settlement depth. Supplied with the equipment is a stopwatch to find settling times, a specific gravity bottle, measuring beakers and five rubber bungs. The rubber bungs seal the ends of the columns when the students shake the liquid and particles (slurry) before an experiment.

TECHNICAL SPECIFICATIONS

Specifications:

- Net dimensions and weight:
 - Approximately 760 mm x 430 mm x 1140 mm and 30 kg.
- Packed dimensions and weight:
 - Approximately 0.6 m3 and 45 kg.
- Columns:
 - 1 m long, 50 mm nominal diameter.
- No. of Tubes: 05.
- Diameter of tubes: 3.0 inch.
- Length of tubes: 4 feet.
 - H: 18 inch, W: 42 inch, L: 24 inch.
- Dimensions of tube rod container:
 - L x W x H: 48 x 10 x 42 inch.



Technical Data:

- Operating environment:
 - Laboratory.
- Storage temperature range:
 - -25°C to +55°C (when packed for transport).
- Operating temperature range:
 - +5°C to +40°C.
- Operating relative humidity range:
 - 80% at temperatures < 31°C decreasing linearly to 50% at 40°C.