

HF 112 LIQUID SEDIMENTATION APPARATUS



GENERAL DESCRIPTION:

The apparatus is designed to study the settling characteristics and particle sizes of suspended solid.

Five transparent glass sediment tubes are mounted vertically on a rigid frame. The rear panel is translucent with back lighting. Scales are provided on the tubes. The tubes can be removed for washing, filling or mixing of solid particles. Sedimentation rate is observed using a stopwatch.

Instruction manual is also included.

EXPERIMENT CAPABILITIES:

- Settling rate curve.
- Effect of particle size distribution.
- Effect of suspension height on sedimentation rates.
- Effect of concentration on sedimentation rate.
- Effect of flocculent.

TECHNICAL DATA:

- Glass tubes : 5
- Stop watch : 1
- Beakers : 3
- Lamps : 4
- Specific gravity bottle : 1
- Software for data display and analysis by computer (separately supplied).
- Power supply : 220 V, 1 Ph, 50 Hz. Other power supply is available on request.

OPTIONAL:

- Triple beam balance.
- Other optional equipment, please contact manufacturer (essom@essom.com)

Net (unpacked) shipping dimensions WxLxH : 40 x 70 x 115 cm
Net weight : Approx. 36 kg