

# MODEL SEDIMENTATION TANK

## Mod. MST/EV

### INTRODUCTION

This equipment has been designed to study the hydraulic behaviour and the settling efficiency of a sedimentation tank.

### TRAINING PROGRAM:

- Displaying the hydraulic behaviour by a tracer
- Comparing actual and theoretical hydraulic behaviours
- Effect of the flow rate and of baffle position on sedimentation
- Determination of settling efficiency

### TECHNICAL CHARACTERISTICS:

- Framework of AISI 304 stainless steel with castors
- Tank of clear methacrylate with capacity of 80 litres and section for mixing tap water and suspension
- Suspension feed tank with capacity of 120 litres and recycle pump
- Variable area flowmeter for tap water
- Peristaltic pump for suspension, 0-170 l/h

**Power supply:** 230 Vca 50 Hz single-phase - 0.5 KVA  
(Other voltage and frequency on request)

**Dimensions:** 1700 × 800 × 1500 (h) mm

**Weight:** 120 Kg



### REQUIRED UTILITIES (PROVIDED BY THE CUSTOMER)

- Tap water
- Drain

### ACCESSORIES (NOT INCLUDED)

- Turbidimeter

### SUPPLIED WITH

**THEORETICAL – PRACTICAL –  
EXPERIMENTAL HANDBOOK**

