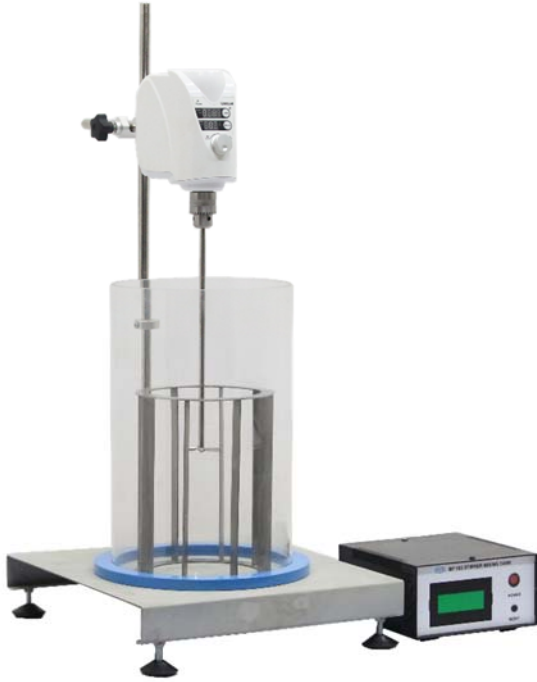


## BP 103 STIRRER MIXING TANK



### GENERAL DESCRIPTION

The stirrer mixing tank is a bench top unit for a study of mixing two materials.

The unit consists of a mixing tank with removable baffles and a drain valve. A variable speed agitator

### EXPERIMENT CAPABILITIES

- Mixing/flow visualization.
- Power/speed of different impellers.
- Mixing of solid/liquid suspensions.
- Mixing of two immiscible liquids.
- Mixing quality vs mixing time.
- Prediction of power for large scale mixers.

### TECHNICAL DATA

- Mixing tank
  - Materials : Transparent
  - Capacity : Approx. 20 L
- Impellers
  - Turbine blade : 1
  - Propeller blade : 1
  - Flat blade paddles : 2
  - Flat blade paddle with holes : 2 ea.
- Digital display
  - : Speed
  - : Torque
  - : Power
- Software for data display and analysis by computer (separately supply)
- Power supply : 220 V, 1 Ph, 50 Hz. Other power supply is available on request.

### OPTIONAL EQUIPMENT

- BP 103-001 Additional impellers
- BP 103-003 Removable heat transfer coil (1500 W) using outside water supply for cooling or heating the mixture.
- BP 103-005 Air supply

**Net (unpacked) Shipping Dimensions WxLxH** : 45 x 45 x 80 cm  
**Net Weight** : Approx. 17 kg

