



THE LAB EQUIPMENT

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**Product Name :**

Multi Pump Test Rig

**Product Code :**

SLE/MCE/51



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## Description :

### Features:

- Measuring examination of a multi pump.
- Pump with 3 heads.
- 1 feed tank.
- Tank to determine the flow rate.
- Common stroke rate adjustable for all 3 heads.
- Stroke individually adjustable for each head.
- 4 manometers to measure the pressure on the intake and delivery side.
- Each pump head conveys water from the feed tank into a tank with scale.
- The common stroke rate of the three pump heads is set at the switch box.
- Three overflow valves enable the user to set a counter pressure for each pump head.
- This enables students to examine the effect of the counter pressure on the flow rate and the mixing ratio.

### Specification:

- **Max. Head:** 10m (approx)
- **Max. Suction head:** 3m (approx)
- **Flow Rate:** 3x 0...18L/h.
- **Volumetric tank:** 5L.
- **Feed tank:** 60L.
- **Stroke rate:** 1x 0...100min<sup>-1</sup>.
- **Level:** 3x 0...20cm.
- **Power:** 230V, 50Hz, 1 phase
- **Dimension:** 1250x500x950mm.
- **Weight:** approx. 90kg.

### Measuring ranges:

- **Pressure (delivery side):** 3x 0...10bar.
- **Pressure (intake side):** 3x -1...0bar.
- **Adjustable pressure range:** 2...6bar.

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