



THE LAB EQUIPMENT

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**Product Name :**

Two Stage (Series And parallel)

**Product Code :**

SLE/EFM/08



## Description :

- Centrifugal pumps working alone or in series or parallel.
- Two bearing-mounted motors drive each pump independently.
- The pumps draw water from the integral reservoir.
- The water travels through strainers and a series of valves to be delivered to a Venturi meter.
- The water then returns to the reservoir for re-use, keeping water use to a minimum.
- Instrument and control modules fit into a frame above and behind the pumps.
- The differential pressure across the Venturi gives flow rate.
- Each pump has its own inlet valve.
- A two-way valve in the system allows the pumps to work alone, in parallel or in series.
- It also allows students to see cavitation and understand the use of a Venturi meter and differential pressure measurement to find flow rate.
- Each pump has an electronic Motor Drive to control its speed, a load cell to measure torque and a sensor to measure pump speed.

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