



THE LAB EQUIPMENT

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**Product Name :**

Water Hammer Apparatus

**Product Code :**

SLE/EFM/18



## Description :

- The apparatus is made up of a coil of copper pipe 60 m long.
- A second adjustable valve is at the discharge from the pipe, downstream of the solenoid valve.
- The inlet connects to your water supply and the discharge end has a solenoid valve.
- A bypass valve discharges to waste at the inlet end of the pipe.
- This regulates the mean pressure in the pipe before the solenoid valve shuts.
- It also allows students to calibrate the pressure transducer.
- An electronic pressure transducer near to the valve measures the pressure fluctuations in the pipe when the solenoid valve shuts.
- A Bourdon pressure gauge fitted between the solenoid valve and the downstream control valve shows the pressure in the system.

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