

**Product Name:** 

Water Hammer Apparatus

Product Code: ALABS-A43-110



## **Description:**

Water Hammer Apparatus

## **Technical Specification:**

- 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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Website: www.equipmentsexporters.com, Email: sales@equipmentsexporters.com

**Address:** 75, Lajpat Nagar-IV, New Delhi-110024 **Phone:** +91-9311469084