

Product Name :

Pipe Surge and Water Hammer Apparatus

Product Code :

EEMECH45M0051

ALTEC™**Description :**

Pipe Surge and Water Hammer Apparatus

Technical Specification :

- Water hammer demonstrations are conducted using the second test pipe, which incorporates a fast acting valve at the discharge.
- Tapping's incorporating electronic pressure sensors are located in the test pipe adjacent to the fast acting valve and half way along the test pipe.
- These sensors measure the high-speed pressure transients inside the pipe as the water hammer travels backwards and forwards along the test pipe.
- The time delay between the sensors can be used to determine the speed of sound through the water that is attenuated by the elasticity of the metal pipe wall.
- Test pipes: Stainless steel, 20.2 mm inside diameter.
- Test pipe length: 3 m long
- Surge shaft clear acrylic, 40 mm inside diameter, 800 mm high.
- Head tank PVC
- Capacity: 45 liters

- Dimensions: 3500-x800 x 1600 mm
- Weight: 120kg



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