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**Product Name :**  
Fluid Science Service Unit

**Product Code :**  
LBNY-0005-2030003



#### **Description :**

The Fluid Science range for Worldwide use, an innovative suite of products designed to enable student to gain an understanding of the fundamentals of Fluid Mechanics and Thermo Fluids by the process of learning via hands-on experimentation.

The range includes experiments ranging from simple flow measurements, losses in hydraulic circuits through to more complex heat exchanger processes. The experiments are supplied with a highly visual user-friendly operational guide, allowing the students to understand the theory of the subject by the application of practical experimentation.

The built-in safety features of the unit include a thermal cut out that prevents the hot water circuit exceeding 55°C and a low voltage water resistant power supply unit. The Fluid Science Service Unit is designed to be used in conjunction with the fluid science experiments. The unit incorporates a pump and rotameter to vary the water flow rate and a heating system.

The high precision elements are supplied as modular tray-based systems which operate in conjunction with the Fluid Science service unit, multi functional work panel and instrumentation enabling the student to conduct their individual or group experiments.

#### **Technical Specification :**

Water Volume: 5 liters

Water Operational temperature range: Ambient to 55°C (131°F)

Water Flow Rate: 0.35 liters /minute.



**Laboratory Instrument India**