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**Product Name :**  
Adjustable Section Channel

**Product Code :**  
LBNY-0005-1600005



[www.laboratoryinstrumentindia.com](http://www.laboratoryinstrumentindia.com)

**Description :**

The group is supplied with manuals which describe all parts of the Adjustable Section Channel unit, the installation and utilisation procedures, as well as many exercises with the relative results. The Adjustable Section Channel allows to show experimentally several fundamental fluid-dynamic aspects. Indeed, the unit allows to visualise some physical phenomena: the water current flow in an open channel, in an enclosed duct (just placing a covering to turn the channel into a duct) or in the presence of an obstacle (three different types of weirs are supplied). Besides it allows to introduce some concepts such as the Bernoulli's theorem, the energy equation and the concept of channel critical depth.

**Technical Specification :**

**Required services:**

Water feeding: tank filling before use (100 l).

Electrical supply: 220/240 V single-phase, , 50 Hz, 1 kW.

Weight and dimensions of Adjustable Section Channel

Dimensions: 1710x570x1800 h mm

Weight: 150 kg.



**Laboratory Instrument India**

