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**Product Name :**  
Experimental Flume 86x300mm

**Product Code :**  
LBNY-0005-103000255



#### **Description :**

Basic principles of open-channel flow  
Experimental section with 10 evenly spaced threaded holes on the bottom for installing models or for Water level measurement using pressure  
Side walls of the experimental section are made of tempered glass for excellent observation of the experiments  
Experimental flume with experimental section, inlet and outlet element and closed water circuit  
All surfaces in contact with water are made of corrosion-resistant materials  
Flow-optimised inlet element for low-turbulence entry into the experimental section  
Length of the experimental section 2,5m or 5m  
Smoothly adjustable inclination of the experimental section  
Models from all fields of hydraulic engineering available as accessories  
Closed water circuit with water tank, pump, flow rate sensor and manual flow adjustment.

#### **Technical Specification :**

##### **Technical Data:**

Experimental section  
Tank: 280L  
Flow cross-section WxH: 86x300mm  
Length: 2,5m or 5m (with 1x HM 160.10)  
Inclination adjustment: -0,5...+3%  
Pump  
Max. head: 13,7m  
Max. flow rate: 22,5m<sup>3</sup>/h

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Power consumption: 1,02kW  
Flow rate measuring range: 0...10m<sup>3</sup>/h.



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