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**Product Name :**  
Pipe Fitting Loss Demo Panel

**Product Code :**  
LBNY-0005-10300099



#### **Description :**

The experimental arrangement is clearly laid out on a demo panel. The panel is fitted to a laboratory trolley and is thus flexible in use. For the investigations on the pipes, 10 different pipe sections are provided in which measuring connections with annular chambers are incorporated. The flow rate is indicated on a variable-area flow meter. An instruction manual with detailed description of the theoretical background is supplied. Only a supply of cold water and a drain are required for operation.

#### **Technical Specification :**

Pipe section selection using hose connections with rapid action hose couplings  
Standard measuring length of 1000mm for pipe friction measurements  
Demo panel for investigating the pressure losses in pipes  
Demo panel on laboratory trolley  
10 different pipe sections for experiments  
Double manometer 850mmWG  
Manometer panel 300mmWG  
Flow rate measurement with variable-area flow meter 1600ltr/h  
Differential pressure measuring unit 0..2000mbar, battery operated

#### **Technical Data:**

Pipe sections  
Section with pipe elbow and bends  
Straight, 1/2", L=1000mm, galvanised steel  
Straight, 20x1.5mm, L=1000mm, PVC

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Straight, 18x1mm, L=1000mm, Cu  
Variable-area flowmeter 1600ltr/h  
With ball-cock and slanted seat valve NW20  
Double line 20x1.5mm, PVC  
With gate valve NW 20  
Dimensions and Weight  
l x w x h: 2250 x 700 x 1800 mm  
Weight : approx. 100 kg.



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