

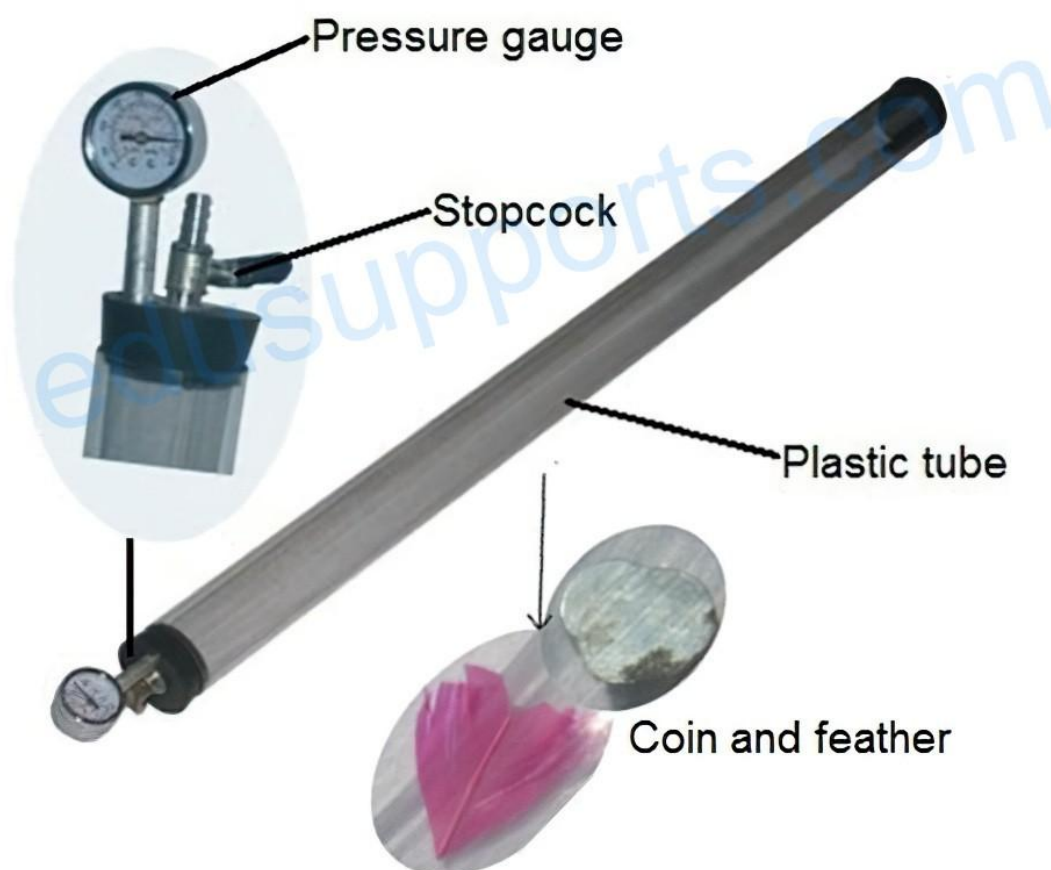
[Changsha Fanli Edusupports Co., Limited](http://www.edusupports.com)

Add: No.137, Yuelu Street, Changsha City, 410000, Hunan, China

Tel: 0086-731-82201784 Fax: 0086-731-82201784

Email: sales@edusupports.com Web: <https://www.edusupports.com/>

Coin and Feather Apparatus with a Pressure Gauge 0201011280B



Coin and Feather Apparatus with a Pressure Gauge is designed to demonstrate free fall in a vacuum. This experiment demonstrates the coin and the feather falling with the same acceleration and striking the tube's bottom at the same time. It shows the fact that objects of different masses fall at the same rate in a vacuum. The Coin and Feather Apparatus with a Pressure Gauge consists of a 90cm long and 5.5 cm in diameter plastic tube that is

capped on both ends with a rubber stopper, with one end having a 1/4 NPT ball valve(stopcock) fitting for air evacuation.

When the tube is inverted under normal atmospheric pressure, students will see that the coin falls at a faster rate than the feather because of air resistance. When air in the tube is pumped out via a vacuum pump to create a vacuum in the tube, and the tube is inverted, the coin and feather in the tube will fall at the same rate because there is nothing causing resistance anymore in the tube.

Very occasionally the feather sticks at one end and must be dislodged by shaking the apparatus. A small vacuum pump (0201020060) or a Laboratory High Vacuum Pump (0201020590) is required.

Coin and Feather Apparatus

Main Technical Parameters

Coin and Feather Apparatus with a Pressure Gauge	Specification
SKU	0201011280B
Length	90cm
Tube ID/OD	52/55mm
Shutoff Valve Type	Swing/Ball
Valve inlet Diameter	1/4 NPT

*Products and configuration list described herein are subject to changes without notice.