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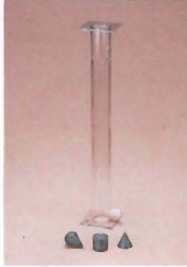
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Airflow Apparatus

(No reviews)



An Inexpensive Way to Introduce Aerodynamic Drag

The apparatus is a 60cm acrylic tube with an ID of 5cm, fitted with square acrylic end plates and designed to mount vertically on a standard 1/2" support rod. Attach an air source to the bottom and suspend a test object from a spring scale at the top end and you have a simple vertical wind tunnel. Six easily covered holes near the base control the rate of airflow. We include three plastic test objects — a teardrop shape plus a cone and a cylinder — each with the same maximum cross section and a hook for hanging from a spring scale. We also provide a hole near the top of the tube for attaching a manometer with 1/8" ID tubing for experiments on air flow and pressure involving constrictions of the tube and filter material. For studies in those areas, you should order the Filter Material and the Restrictor Plate Set. The Airflow Apparatus includes the acrylic column with end plates and the three test objects. You will also need an air supply, a support stand with a 1.3 x 91cm rod and a spring scale with a 2.5 Newton/250 g capacity.

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Item #	Description	Unit	Price	Quantity
WLA0711E	Airflow Apparatus, Air Supply <small>In Stock</small>	Each	\$225.00	<input type="text" value="0"/>

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