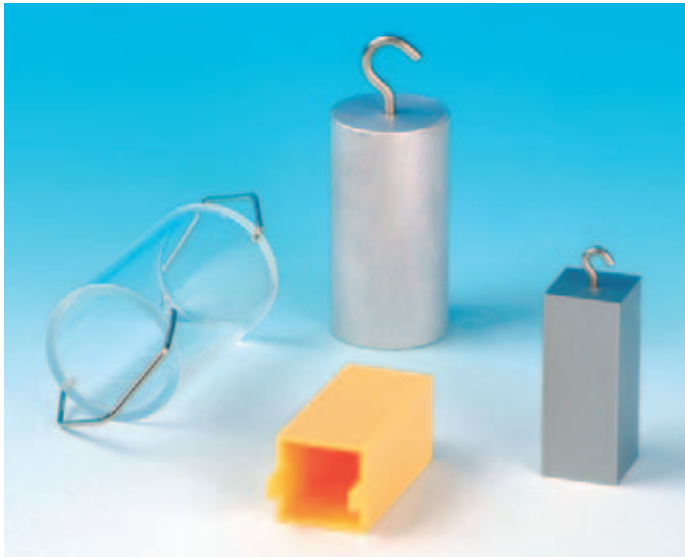




# hydrostatical pressure



**Demonstration of Archimedes' Principle:  
DM112-8A Bucket and cylinder**

Acrylic cylinder with two metal handles and a fitting metal cylinder with hook, D=32 mm, H=62.25 mm

**P1120-3E Hollow block (Archimedes)**

Hollow plastic block with three suspension holes, can contain aluminium block P1120-3A  
Inside dimensions: 20x20x50 mm

**P1120-3A Aluminium block**

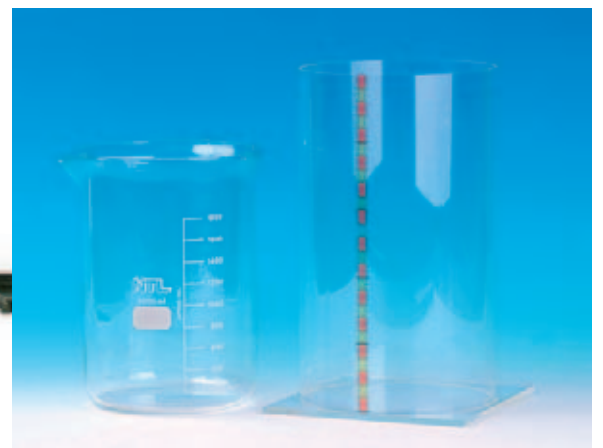
Metal block with hook, for insertion into hollow block P1120-3E



**Experiment:**  
Buoyancy in a liquid - torsion dynamometer



**Experiment:**  
Buoyancy in a liquid - newtonmeter "inno"



**DM425-2G Tower tank with scale**

Acrylic cylinder with base and transparent scale, used as a water tank for experiments in hydromechanics; D=150 mm, H=250 mm

**C1000-1K Glass beaker, short, 2000 ml**

With pouring lip and graduations; D=130 mm, H=193 mm

# hydrostatical pressure



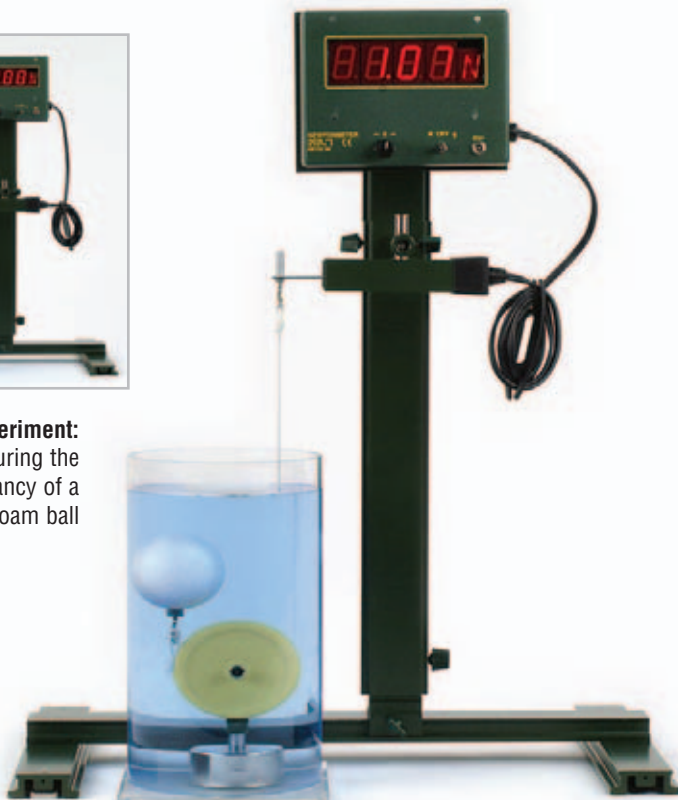
**Experiment:**  
Measuring the force of buoyancy - newtonmeter "inno"



**Experiment:**  
Buoyancy of objects with different densities, demonstrated with the bodies of equal mass DM140-2C



**Experiment:**  
Measuring the buoyancy of a Styrofoam ball



DM380-6S  
Styrofoam ball with eyelet, D=60 mm

DS102-3S C-hook, threaded



# hydrostatical pressure



**Experiment:**  
Model of a submarine

With Erlenmeyer flask 250 ml C6020-6D  
and plastic pan C7447-1A



**DM480-1C Cartesian diver**

For demonstrating sinking, floating and suspension in water; hollow glass figure with capillary opening  
Height: approx. 75 mm

**DM481-2C Cylinder, flat bottom, 400x60 mm, acrylic**  
Virtually unbreakable acrylic cylinder with base and smooth upper edge, H=400 mm, D=60/54 mm

**C7320-8B Rubber stopper** 50/60/45 mm, with hole

**DM542-1R Tube connector for rubber stopper**  
Metal tube with hose fitting, D=8 mm, L=75 mm

**DM113-1H Syringe sampler with plunger 150 ml**

**Experiment:** Measuring the specific gravity of fluids

**C6501-1A Areometer** 0,7-1,0 g/cm<sup>3</sup>

**C6501-2A Areometer** 1,0-2,0 g/cm<sup>3</sup>

**C6501-3A Areometer universal** 0,7-2,0 g/cm<sup>3</sup>

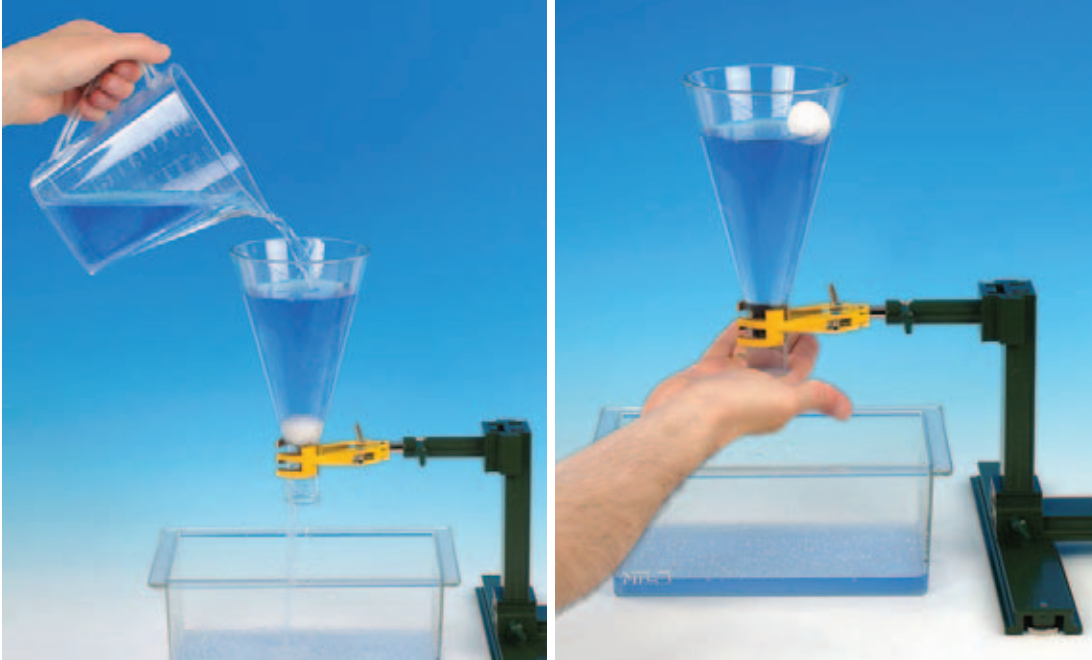


**Experiment:**  
Floating -  
suspended -  
sinking  
(Cartesian diver)

# hydrostatical pressure



**Experiment:** Styrofoam ball carried by the flow of water



**Experiment:** Archimedes' Principle - "compact"



**Experiment:** Archimedes' Principle - demonstration