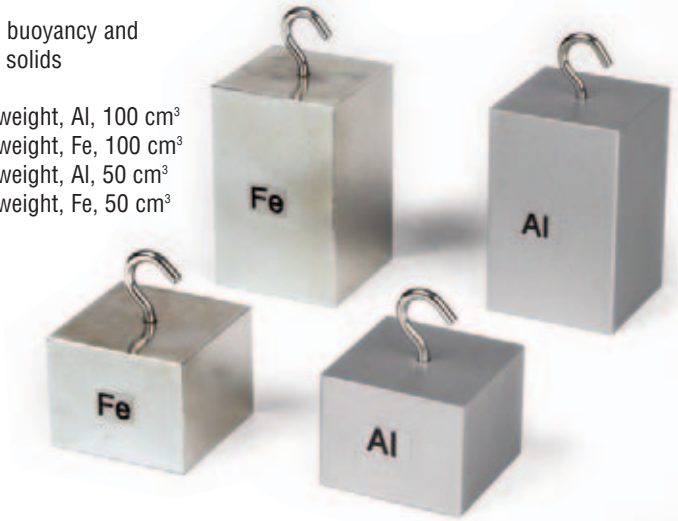
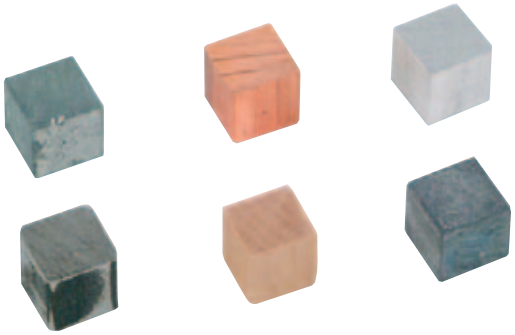
Immersion weights:
with hooks, for measuring buoyancy and determining the density of solids
determination of density

DM112-1A Immersion weight, Al, 100 cm³
DM112-1F Immersion weight, Fe, 100 cm³
DM112-5A Immersion weight, Al, 50 cm³
DM112-5F Immersion weight, Fe, 50 cm³



Experiment
Determining the density of solid bodies with the same volume



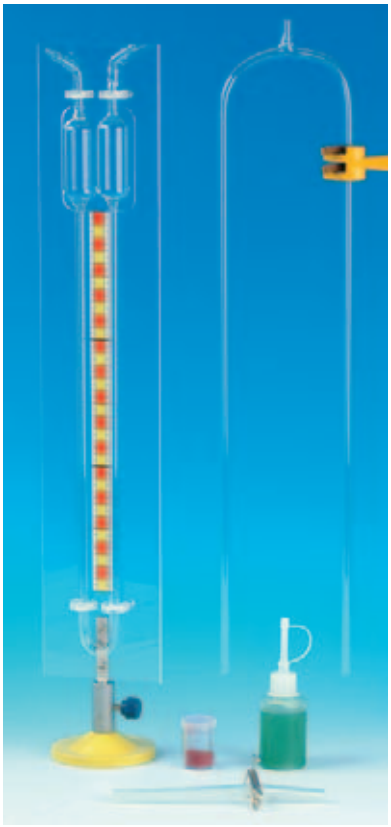
DM140-1A Cubes, 1 cm², set
For determining the density of various materials by weighing
Materials: Al / Cu / Fe / Pb / Zn / wood
Set of 6; dimensions: 10x10x10 mm

Experiment Different density of "Coca Cola"

DM140-2C Bodies of equal mass, set
Metal cylinders with hooks, for density experiments; materials: Al / Fe / Cu / Pb; weight: 200 g each, D=25 mm each, set of 4

Experiment
Determining the density of solid bodies with the same mass

determination of density



DM450-1M U-tube manometer
For determining the density of liquids or measuring pressure in liquids
Glass u-tube connected to two expansion vessels with hose fittings and mounted on an acrylic panel 500x100 mm, with graduated scale (H=300 mm) and stem (D=10 mm) (round base not included)

DM450-1U U-tube with connection tube
Simple glass u-tube attached to suction connector
Dimensions: 520x100 mm, tube D=8 mm

P7030-2A Petroleum, scented 50 ml

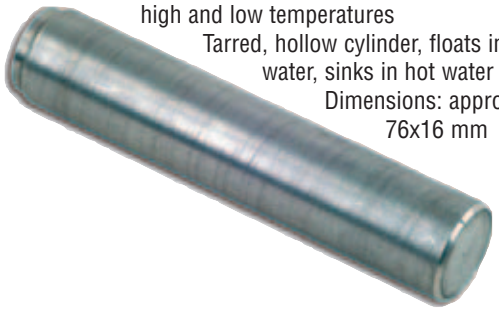
P7050-1A Powder dye, red
Food dye in plastic container, contents approx. 5 g

C7445-7S Hose, silicone,
D=7/9 mm, L=100 cm

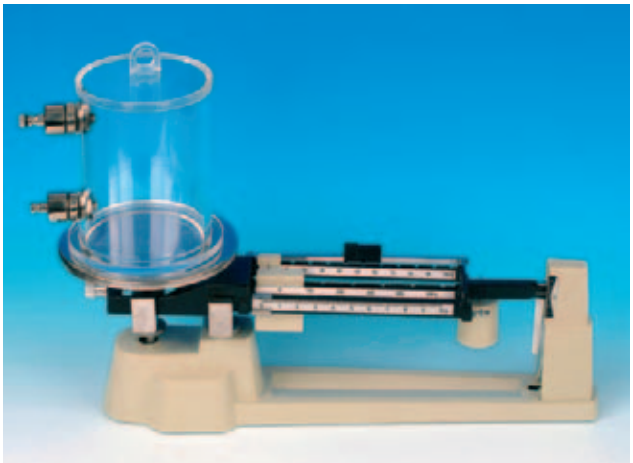
C7416-1B Pinchcock, Mohr, large

Experiment:
Determining the density of immiscible fluids

DM480-1D Density cylinder
For demonstrating the varying density of water at high and low temperatures
Tarred, hollow cylinder, floats in cold water, sinks in hot water
Dimensions: approx. 76x16 mm



Experiment: Density of air



Experiment: Density and temperature

DM540-1R Cylinder for measuring weight of air, 1 litre
For measuring the weight of air; acrylic cylinder with non-removable floor, lid with finger-sized handle, two metal ball valves (suction and pressure valve) on the side
Volume: 1 litre, H=127 mm, D=110 mm
(delivered without scale)

DM465-1V Discharge beaker with stopcock
Beaker, volume 1000 ml, with one-way, glass stopcock and vertical drainpipe, used in hydromechanics as a water reservoir or with the diving bell set DM890-1G as an air bell
Dimensions: D=94 mm, H=275 mm

DM110-1A Overflow beaker 600 ml
Glass beaker with a downward-sloping drainpipe for determining the volume of solid bodies, used together with a graduated cylinder
Glass beaker, D=95mm, H=125 mm, drainpipe L=100 mm

DM461-3A Connecting tubes, set
Three glass tubes of differing shape (D=7.5/10 mm):
- Glass tube, straight, L=200mm
- Glass tube, s-shaped, L=200 mm
- Glass tube, acute-angled, L=200+100 mm, can also be used with hose D=7 mm as an overflow tube for overflow beaker

Experiment:
Determining density

Areometer:
For measuring the specific gravity of liquids,
L= approx. 300 mm
C6501-1A Areometer 0,7-1,0 g/cm³
C6501-2A Areometer 1,0-2,0 g/cm³
C6501-3A Areometer universal 0,7-2,0 g/cm³

DM145-1S Acid tester
For determining acid concentration in storage cells, glass cylinder with rubber suction tube and bulb, with integrated areometer
Measuring range: 1.000…1.300 g/cmΔ, L= approx. 300 mm

DM142-1P Specific gravity bottle
For measuring the specific gravity of liquids or solids or determining their volumes
Volume: approx. 50 ml., D= approx. 50 mm, H= approx. 100 mm
DM115-1A Tare weights 250 g
Lead shot, bead D= approx. 1.5 mm, in plastic bottle, contents: 250 g

Experiment: Diving bell

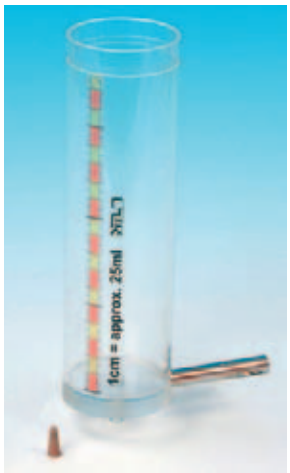
DM890-1G Diving bell, set
For demonstrating displacement of water by air; equipment set consists of:

DM465-1V Discharge beaker with stopcock,
1000 ml (see top of page for description)

DM890-2T Diver, figure, with plug
Plastic figure with plug pins for fastening to metal bar

DM890-3D Metal bar
Causes the diving bell to sink in water
Brass body with jack for diver, plastic screws for fastening the drainage beaker (bell)
Dimensions: 120x40x30 mm

Experiments: Determining the volume of solids (out of "compact"-system)



P1412-1A Discharge beaker with stem
Acrylic beaker with transparent scale, stem for mounting and drainage nozzle, used as water reservoir for hydromechanics experiments, overflow beaker or for bursting bubbles D=60 mm, H=210 mm; Stem: 10x60 mm