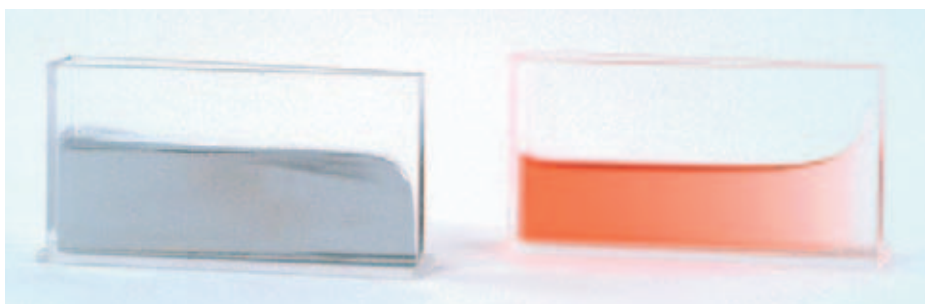


surface tension

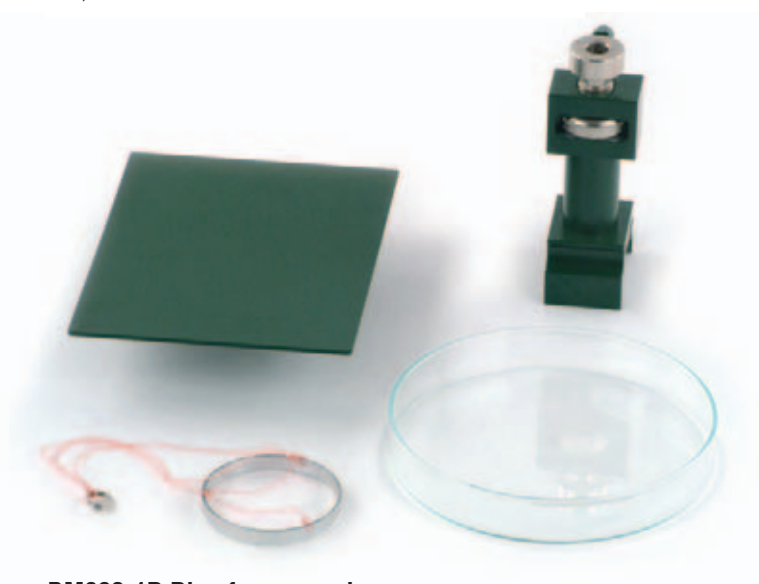


DM870-1K Wedge-shaped tank

Acrylic cell for demonstrating capillary action and for determining surface tension of liquids; angle of wedge: 10°; dimensions: 100x55x22 mm

DM875-1K Capillary tubes in holder

For demonstrating capillary action; 4 glass tubes of different diameters in an acrylic container with white rear panel, tube for filling and container for liquid; tube length: 250 mm
Dimensions: 120x30x260 mm



DM880-1R Ring for measuring surface tension

For measuring the surface tension of liquids; aluminium ring with sharp edge, means of suspension; cord length: approx. 200 mm
Ring D=60 mm, H=7mm; weight: 7 g

Recommended additional apparatus:

C6110-1D Petri dish D=150 mm, glass
DS504-2K Sliding saddle, height adjustable
DS103-1T Table on stand, small

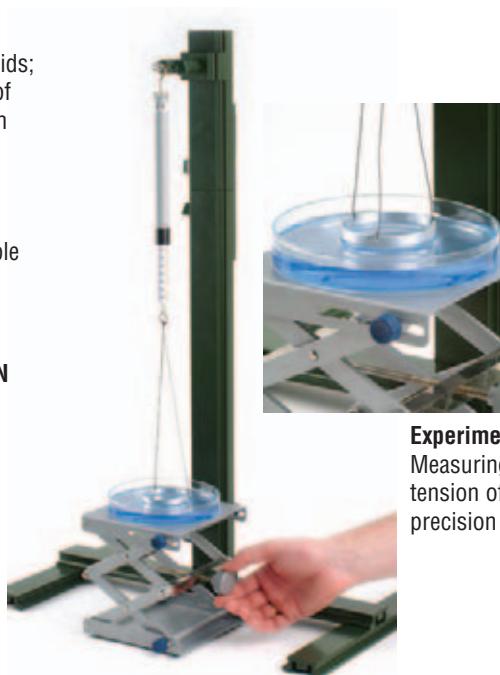
Suitable dynamometers:

DM130-1A Precision dynamometer 0.1 N

For technical description s. page 70, or

DM723-1N Milli-newtonmeter "inno" 200mN/20g

For technical description s. page 72



Experiment:

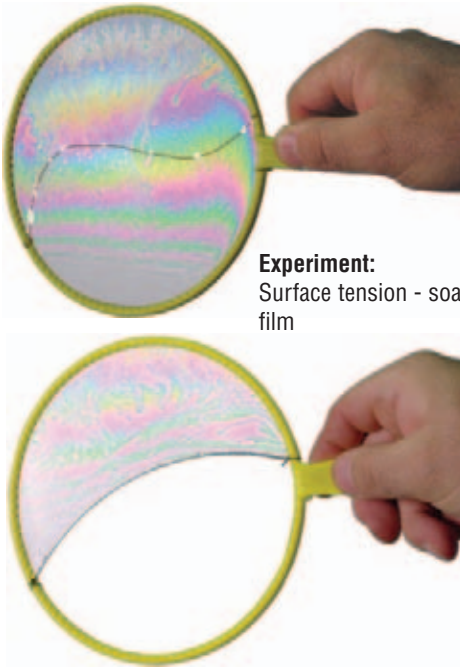
Measuring the surface tension of liquids - precision dynamometer



Experiment: Measuring the surface tension of liquids - milli-newtonmeter "inno"



surface tension



Experiment:
Surface tension - soap film

DM885-1L Soap film apparatus

For producing huge areas of soap film; plastic ring with handle, D=185 mm, plastic pan 210x20 mm, soap solution in bottle with screw top; volume: approx. 250 ml



DM740-2Z Atomizer

For demonstrating how a low pressure region (suction force) occurs at points of high flow speed; joined plastic tubes: 6x75 mm and 4x120 mm



Experiment:
Measuring low pressure in an atomizer



Experiment:
Atomizer



Experiment: Surface tension - soap bubbles



DM885-3L Soap bubble-trumpet

This item is used for demonstrating the principle of surface tension. It can produce gigantic bubbles or with the delivered insert also many small bubbles.
Material: plastic
Delivered with soap water 250 ml.
Dimensions: approx 90x110x210 mm