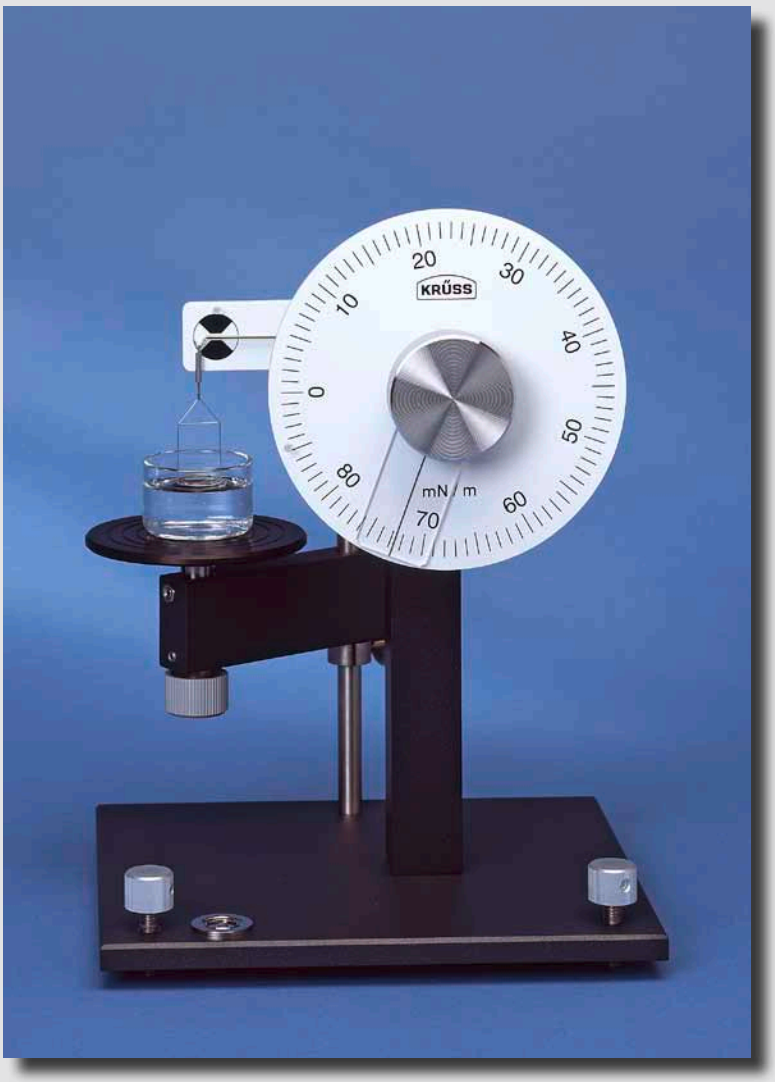
INFORMATION

Tensiometer K6



KRÜSS tensiometer with all advantages for a rapid and simple determination of the surface tension of liquids

- **Direct indication in mN/m**
- **Measuring range 0 - 90 mN/m**

Surface tension

Over recent years, the KRÜSS Tensiometer has acquired a great reputation for reliability as an instrument for investigating the surface tension and interfacial tension of liquids.

It has become indispensable in science, demonstration and practical use, in chemical and industrial laboratories and is used very successfully wherever it is necessary to test the effectiveness of emulsifying agents, soaps and wetting agents and to indicate the presence of oxidation and polymerisation in fats, organic and inorganic oils and fuels, etc.

The measurement

The ring method is based on the well-known fact that increasing a phase interface either between liquid and air or between two liquids requires a resistance to be overcome which is proportional to the surface or interfacial tension so that the measured values can directly be read off the instrument in mN/m.

The advantages of the ring method over other methods include the measuring speed and the reduction of the amount of liquid required for a test. Only the ring method provides satisfactory results when investigating solutions whose surface tension varies rapidly.

Basic instrument / accessories

K6	Lecomte du Noüy Tensiometer for measuring the surface tension and interfacial tension of liquids, direct scale reading 1 mN/m, with platinum-iridium ring, 6 cm circumference, flat table and sample vessel
SV10	Sample vessel, fireproof, set of 6 pieces, diameter 50 mm
RI0111	Spare PtIr-Ring
SP0110	Replacement-balance-beam with torsion wire, pre calibrated
TO01	Tool set for ring dressing

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KRÜSS

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