Bubble Pressure Tensiometer SITA science line t60

IMA-TechSheet #102240 V1



Universität Stuttgart

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SITA science line t60



Measurement of a liquid specimen

Description:

- Measuring method for determining the dynamic surface tension of liquids
- Measurement according to the differential pressure method
- Air bubbles form at the end of a capillary, the surface tension is determined from the difference between maximum and minimum pressure
- Automatic control of bubble life, without drift or manual readjustment

Technical Specifications:

Measuring range	10 - 100	mN/m
Temperature	-20 - 125	°C
Bubble lifetime	15 – 100 000	ms

Field of Application:

- Measurement of the dynamic surface tension depending on bubble lifetime / surface age
- Continuous measurement at constant bubble lifetime
- Single measurement