



# Sigma 703D

## High Precision Stand-Alone Tensiometer with Manual Sample Stage

- Stand-alone operation!
- Low price due to simple construction
- Manual sample stage
- Rapid and reliable measurement of:
  - surface tension
  - interfacial tension
  - density
- Ideal for:
  - Quality Control
  - Teaching
  - Simple R & D applications



Du Nouy Ring



Wilhelmy Plate



Density Measurement

## The Instrument

KSV's Sigma 703D is a stand-alone tensiometer for measuring surface and interfacial tension in situations requiring high sensitivity and simple operation.

As a result of KSV's long experience in tensiometer design, Sigma 703D is user friendly and highly reliable. Precise temperature control can be ensured by the water-jacketed vessel holder.

The option of connecting to an external PC and/or serial printer enables reliable data storage and simple reporting.





# Sigma 703D

## High Precision Stand-Alone Tensiometer with Manual Sample Stage

### Features

- Large LCD display
- Touchpad control
- Measured data immediately displayed on screen
- Computer access to data possible via USB
- RS232 Printer connection

### Included in Basic Package

- Highly sensitive force balance
- Sample vessels 70 mm and 50 mm
- Calibration weight
- Instruction manual (in PDF-format on CD)
- Instructional video CD
- Dust cover

### Optional Accessories

- Du Nouy ring
- Wilhelmy plate
- Density kit
- Printer
- Thermometer
- Water Jacket for temperature control of liquid
- Heating/cooling bath

### Specifications

Maximum balance load (resolution)

5 g ( $10^{-5}$  g)

Maximum surface/interfacial tension (resolution)

1000 mN/m (0.001 mN/m)

Density range

1-2200 kg/m<sup>3</sup>



Instructional  
video  
included!



**Instruments**

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