

QC6000

MID-RANGE TENSIOMETER



- Measures Both Dynamic and Static Surface Tension
- Automatic Surface Age Calculation & Display
- Unaffected by Surface Contamination or Foaming
- Independent of Probe Immersion Depth
- Simple Menu-Driven (Point & Click) Calibration & Operation
- Computer Interfaced for Data Collection
- Two Independent Mass Flow Controllers for Precise Control of Flow Rates

SensaDyne

The Experts in Dynamic Surface Tension

P.O. Box 30430 • Mesa, AZ 85275

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QC6000

MID-RANGE TENSIO METER

Applications

RESEARCH AND DEVELOPMENT

- Formulation Testing and Comparison
- Surfactant Diffusion Rate Studies
- Contamination Testing
- Surfactant Research & Testing
- Fast CMC Determination

QUALITY CONTROL

- Quality Monitoring
- Formulation Monitoring
- Contamination Detection
- On-Line Monitoring
- Sample Stream Monitoring with Optional Flow Through vessels

FEATURES

- **Measures Both Dynamic & Static Surface Tension**
- **Computer Interfaced for Data Acquisition**
- **Unaffected by Surface Contamination & Foaming**
- **Independent of Probe Immersion Depth**
- **Automatic Surface Age Calculation & Display**
- **Two Mass Flow Controllers For Accurate Results**

Specifications

Bubble Speed:	Max: 40 / Second; Min: 1 Bubble / 120 Seconds
Accuracy:	+/- 0.1 Dynes/Cm.
Measurement Range:	1-500 Dynes/Cm.
Temperature Range:	-55° C - 150° C
Sample Size	Minimum: 3ml; Nominal: 25ml
Flow Control	Individual Mass Flow Controllers for each Orifice
Method	Differential Maximum Bubble Pressure Method Using Advanced Software Peak Detection
Response Time:	Two (2) Seconds Minimum Dependant on Sampling Interval Chosen
Probe Materials:	Standard: Glass, Stainless Steel; Optional: (FEP) Teflon-Coated Glass, Pure Teflon
Computer:	Minimum Required: 386 with Co-Processor or Higher

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