

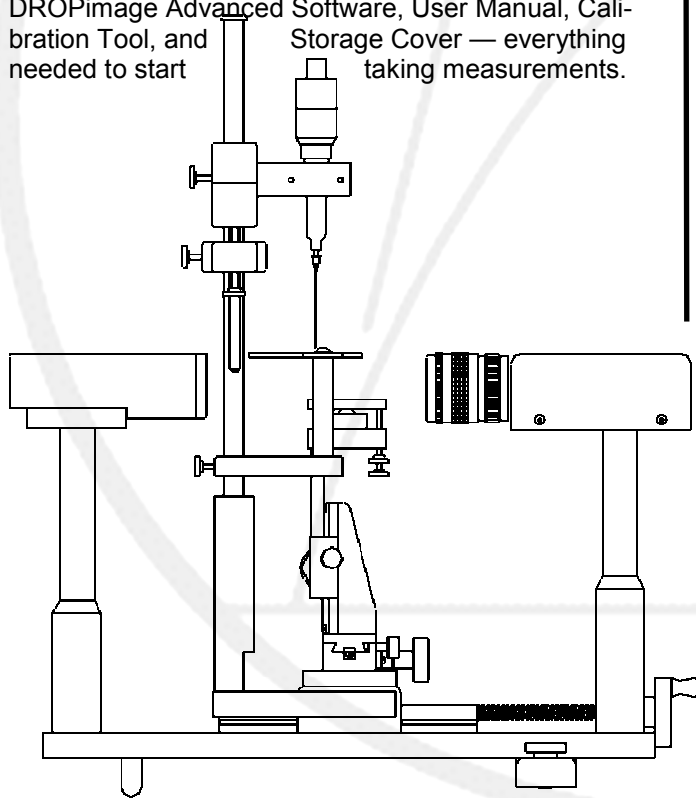
ramé-hart Model 250

**Standard Contact Angle Goniometer / Tensiometer
with DROPimage Advanced Software**

ramé-hart Model 250 (p/n 250-U1)

The Model 250 sports a wide range of methods-based interfacial analysis tools for working with pendant, inverted pendant, sessile, and captive bubble drops. Additionally, contact angle, surface energy, surface tension, and calibration tools are included. Add the Automated Dispensing System to perform Advancing / Receding and dynamic studies. Other options include the Automated or Manual Tilting Base, Environmental Fixture, 4" Wafer Support, and more.

What's in the box: Goniometer with U1 Series high-speed Camera, Microsyringe Fixture and Shade, Illuminator and Fiber Optic Bundle, (1) Microsyringe Assembly, (1) 22g Straight Needle, PC and LCD, DROPimage Advanced Software, User Manual, Calibration Tool, and Storage Cover — everything needed to start taking measurements.



Specifications

Stage Size	2 x 3 in (51 x 76mm)
Sample Size	3 in (76mm) deep x unlimited
Range	0 to 180° contact angle
Resolution	0.01°
Accuracy	+/- 0.10°
U1 Series Camera	SuperSpeed USB 3.0, 1/3" CCD, 100fps, Progressive Scan, Sony Sensor, 659 x 494 pixels
Backlighting	Variable Fiber Optic Illuminator
Stage	Precision 3-Axis Locking Leveling
Dimensions	19 x 20 x 10 in (480x500x250mm)
Weight	14 lbs / 6.3 kg (less power and PC)
Power Supply	115 or 230 VAC
DROPimage Features	Contact Angle Measurement (7) Surface Energy Tools Methods-based Surface Tension Pendant, Sessile, Captive Bubble Calibration Tool
Spares	Illuminator Bulb 100-00-FOB Microsyringe Assy 100-10-20 Needle 100-10-12-22
Options	High Speed Upgrade 100-12-G1 Environmental Fixture 100-07-60 Wafer Support (4") 100-21-4 Automated Dispensing 100-22 Oscillator 100-28 Automated Tilting Base 100-25-A Manual Tilting Base 100-25-M Film Clamps 100-15 Fixed Drop Ref. Tool 100-27-03 Fixed Pendant Drop Tool 100-25-05

ramé-hart instrument co • www.ramehart.com • carl@ramehart.com • 973-448-0305 • fax 0315

19 Route 10 East • Suite 11 • Succasunna • New Jersey • 07876 • USA

