

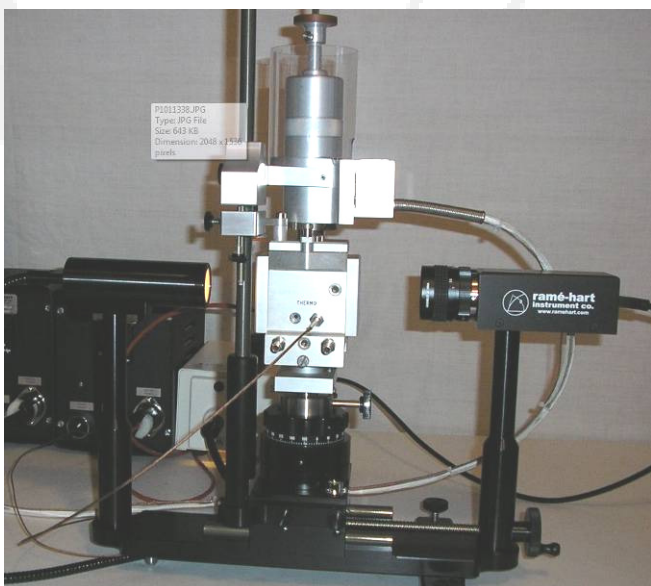
ramé-hart Model 260

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

ramé-hart Model 260 (p/n 260-F4)

The Model 260 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, and calibration tools are included. Add the optional Environmental Chamber and Temperature Controller, Elevated Temperature Syringe, Automated or Manual Tilting Base, Environmental Fixture, or 4" Wafer Support to perform a wide variety of measurements.

What's in the box: Goniometer with F4 Series 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.



Model 260 shown with optional accessories

Specifications

Stage Size	2 x 3 in (51 x 76mm)
Sample Size	3 in (76mm) deep x unlimited
Contact Angle Range	0 to 180°
Resolution	0.01°
Accuracy	+/- 0.10°
Camera	IEEE1394a FireWire, 1/3" CCD, 400Mbps, 70fps, Progressive Scan
Backlighting	Variable Fiber Optic Illuminator
Stage	Heavy-Duty 3-Axis Leveling
Dimensions	19 x 20 x 10 in (480x500x250mm)
Weight	16 lbs / 7.3 kg (excluding power)
Power Supply	110 or 220 VAC
DROPimage Adv.	Contact Angle Measurement (7) Surface Energy Tools Methods-based Surface Tension Pendant, Sessile, Captive Bubble Calibration Tool
Consumables	Fiber Optic Bulb 100-00-FOB Microsyringe Assy. 100-10-20 Needles 100-10-12-22
Options	Environmental Chamber 100-07 Environmental Fixture 100-07-60 Wafer Support (4") 100-21-4 Automated Dispensing 100-22 Automated Tilting Base 100-25-A Film Clamps 100-15

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$$\sigma = F(d_s/d_c) d_c^2 g (\rho_1 - \rho_2)$$

