

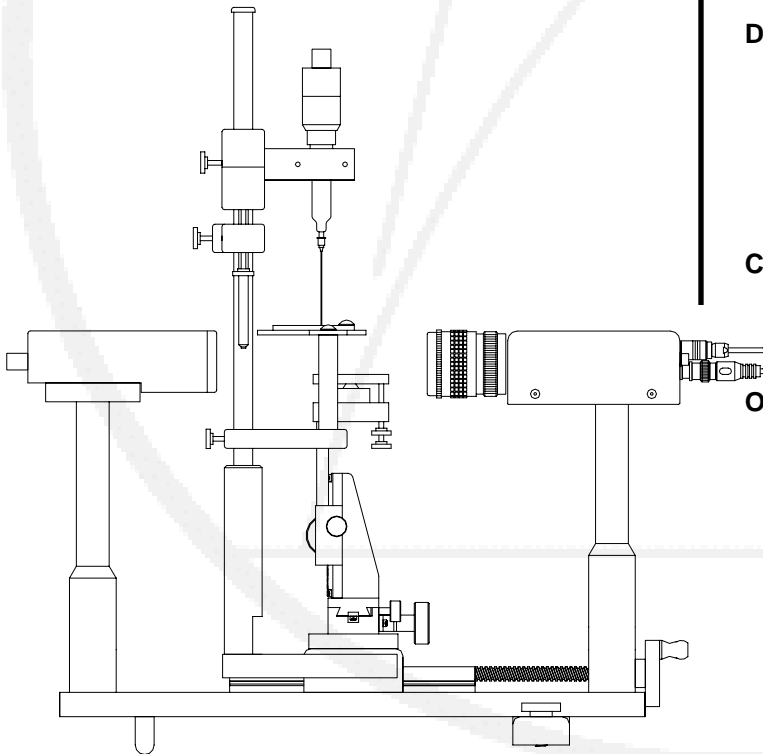
ramé-hart Model 250

Standard Contact Angle Goniometer
with DROPimage Advanced Software

ramé-hart Model 250

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, and calibration tools are included. Add the optional Automated Dispensing System to perform Advancing / Receding studies. Other options include the Tilting Base, Environmental Fixture, and Wafer Support up to 3" in diameter.

What's in the box: Goniometer with Camera, Microsyringe Fixture and Shade, Illuminator and Fiber Optic Cable, (1) Microsyringe Assembly, (1) 22g Straight Needle, PC System with LCD, Frame Grabber and 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 x 3 in (76 x 76mm)
Contact Angle Range	0 to 180°
Resolution	0.01°
Accuracy	+/- 0.10°
Camera	CCD 768x494 Active Pixels; 30fps
Backlighting	Variable Fiber Optic Illuminator
Stage	Precision 3-Axis Locking
Dimensions	19 x 20 x 10 in (480x500x250mm)
Weight	14 lbs / 6.3 kg (excluding power)
Power Supply	110 or 220 VAC
DROPimage Features	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 Fixture	100-07-60
	Wafer Support (3")	100-21-3
	Software Upgrade	500-22
	Automated Dispenser	100-22-100
	Tilting Base	100-06
	Film Clamps	100-15

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

PO Box 400 · Netcong · New Jersey · 07857 · USA



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

