

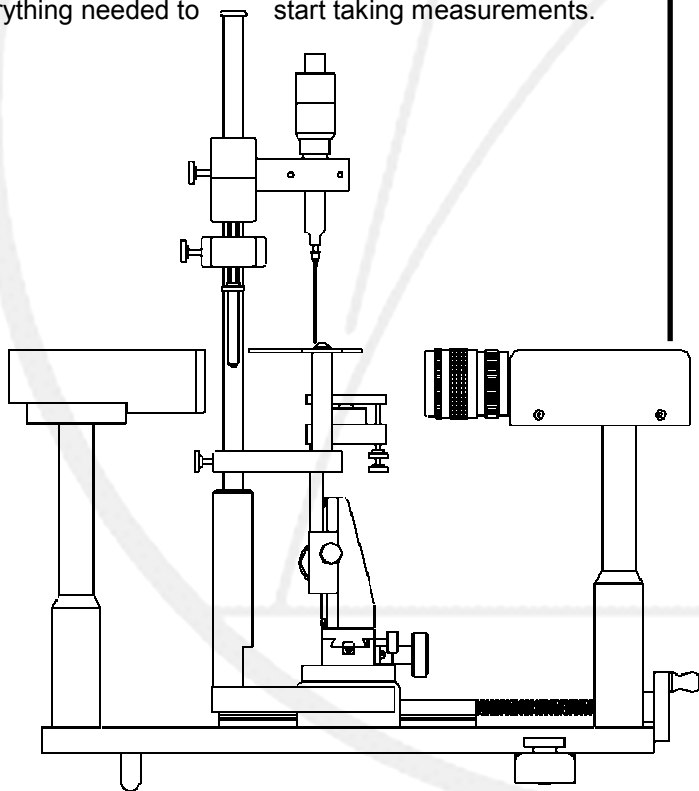
ramé-hart Model 200

Standard Contact Angle Goniometer with DROPimage Standard Software

ramé-hart Model 200 (p/n 200-U1)

The Model 200 is a popular and robust contact angle tool designed to offer the highest level of precision computer-aided contact angle and surface energy analysis at the lowest cost. This instrument accepts the optional Automated Dispensing System, Manual Tilting Base, Environmental Fixture, and Wafer Support up to 4" in diameter. It can also be upgraded to DROPimage Advanced software.

What's in the box: Goniometer with U1 Series Camera, Microsyringe Fixture and Shade, Illuminator and Fiber Optic Bundle, (1) Microsyringe Assembly and (1) 22g Straight Needle for manual dispensing, PC and LCD, DROPimage Standard 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
Contact Angle Range	0 to 180°
Resolution	0.1°
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	110 or 220 VAC
DROPimage Features	Contact Angle Measurement (7) Surface Energy Tools Calibration Tool
Spares	Illuminator Light Bulb 100-00-FOB Microsyringe Assy. 100-10-20 Needles 100-10-12-22
Options	Environmental Fixture 100-07-60 Wafer Support (4") 100-21-4 Software Upgrade 500-22 Automated Dispensing 100-22 Manual Tilting Base 100-25-M Film Clamps 100-15

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