ramé-hart Model 290

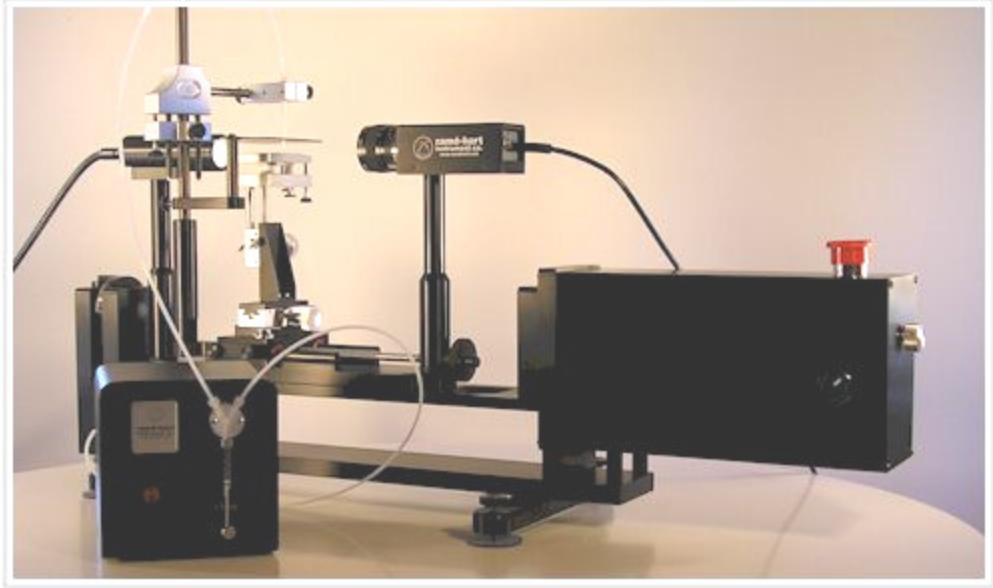
Standard Automated Goniometer / Tensiometer with Tilt and Dispensing and DROPimage Advanced Software

ramé-hart Model 290 (p/n 290-F4)
The Model 290 is our most automated tool. This highly automated system features our Automated Tilting Base and Automated Dispensing System. In addition, DROPimage Advanced is included for handling a wide range of methods-based interfacial analysis tools using pendant, inverted pendant, sessile, and captive bubble drops. Additionally, contact angle, surface energy, and calibration tools are included. The Automated Tilting Base is ideal for measuring advancing and receding angle. The Automated Dispensing System is well-suited for dynamic studies and adds precision to the formation of pendant and sessile drops.

What's in the box: Goniometer with F4 Series Digital Camera, Microsyringe Fixture and Shade, Illuminator and Fiber Optic Bundle, (1) Microsyringe Assembly, (1) 22g Straight Needle, PC and LCD and FireWire Interface, DROPimage Advanced Software, User Manual, Calibration Tool, Storage Cover, Automated Tilting Base**, Automated Dispensing System**.

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	Precision 3-Axis Locking Leveling
Dimensions	39 x 21 x 10 in (990x530x250mm)
Weight	49 lbs / 22.2 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



***Please refer to product literature for the Automated Tilting Base and Automated Dispensing System for additional product specifications.*

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