

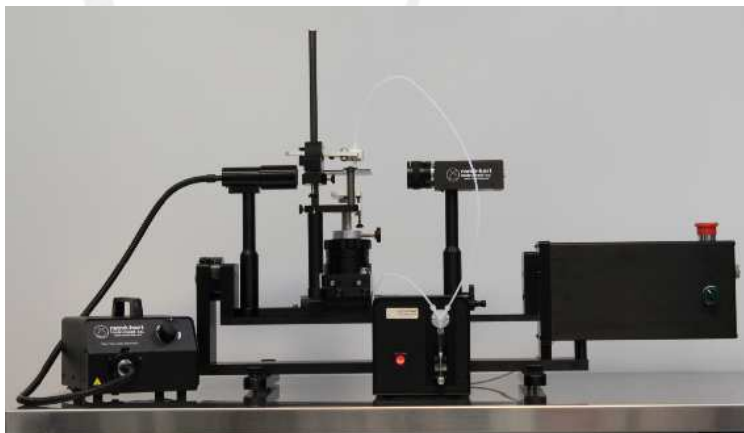
ramé-hart Model 295

Automated Goniometer / Tensiometer With Environmental Chamber Support

ramé-hart Model 295 (p/n 295-U1)

Model 295 is identical to Model 290 except the stage is upgraded from the standard stage to the Advanced 3-axis Stage with fine and coarse vertical adjustment and modular leveling stage for supporting the optional Environmental Chamber and other modular options. Also included with this system is the Automated Tilting Base, Automated Dispensing System, and DROPimage Advanced software 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, surface tension, and calibration tools are included. The Automated Tilting Base is ideal for measuring advancing and receding contact angle. The Automated Dispensing System is well-suited for dynamic studies and adds precision to the formation of pendant and sessile drops. Model 295 is an excellent choice for a wide variety of static and dynamic surface evaluation and contact angle analysis at ambient temperatures or at elevated temperatures with the optional Environmental Chamber.

What's in the box: Goniometer with U1 Series Digital 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, 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
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	Advanced 3-axis Stage
Dimensions	39 x 21 x 10 in (480x500x250mm)
Weight	52 lbs / 23.6kg (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	Spares Kit 100-SPARES-F Illuminator Bulb 100-00-FOB Microsyringe Assy 100-10-20 Needle 100-10-12-22
Options	Environmental Chamber 100-07 High Speed Upgrade 100-12-G1 Environmental Fixture 100-07-60 Wafer Support (4") 100-21-4 Oscillator 100-28 Manual Tilting Base 100-25-M Fixed Drop Ref. Tool 100-27-03 Fixed Pendant Drop Tool 100-25-05

** For additional specifications and details on the Automated Tilting Base and Automated Dispensing System, please consult the corresponding product brochures.

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