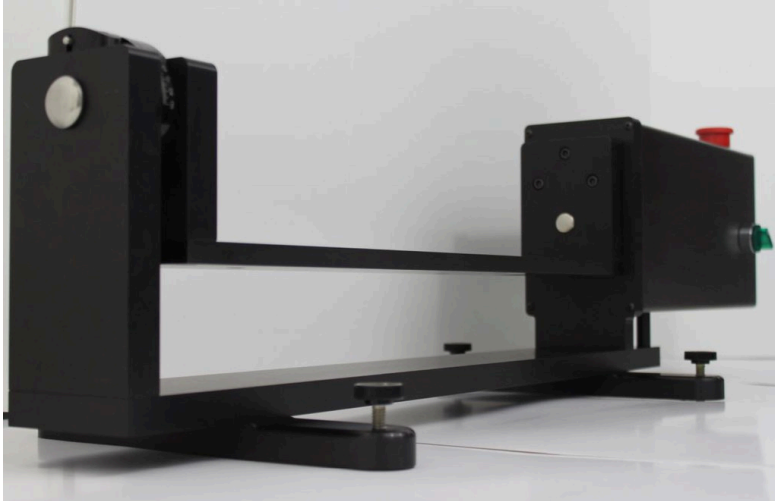


ramé-hart

Automated Tilting Base

Precision Instrument Accessory



Dynamic wetting

Advancing and receding contact angles

Contact angle hysteresis and roll-off

Precision software-controlled tilting for high-accuracy advancing and receding contact angle measurements. Great for measuring contact angle hysteresis and roll-off angles.

Software-Controlled

Tilting angle and speed controls

Advanced Gearing

Vibration-free movement

Robust design

Built to last

The Automated Tilting Base requires DROPimage Advanced for in-software control. Included with Models 290 and 590.

Specifications

Specification	Details
Product	Automated Tilting Base
Part Number	100-25-A
How It Works	Set a target angle and tilting speed, and the base will tilt the instrument. Tilting can also be programmed into dynamic experiments.
Manual Operation	Manual alignment, if desired, is easy with a knob on the gearbox and an analog readout on the bench. A manual version of the tilting base is also available upon request, and includes a handwheel in lieu of a motor.
Included	Automated Tilting Base, necessary tools and instructions for mounting the instrument to the base, USB to serial adapter, power cable, and user guide
Size	Long tilting base (for use with Model 400, 500 and included with Model 590): 41.5" x 3.5" x 9.5" Short tilting base (all other instruments): 36" x 3.5" x 9.5"
Weight	Long tilting base (for use with Model 400, 500 and included with Model 590): 33 lbs Short tilting base (all other instruments): 30.5 lbs
Tilt Range	-90° to 90°
Tilt Speed	0 - 5°/sec
Gear Ratio	512:1
Angle Resolution	0.1°
Power Supply	115 to 230 VAC
Software Compatibility	The Automated Tilting Base requires DROPimage Advanced for in-software control. All instruments are compatible with the Manual Tilting Base
Warranty	Includes one-year warranty

Included Components & Compatibility

Automated Tilting Base	Mounting tools and instructions
USB to serial adapter	Power cable
User guide	

Instrument Compatibility

Instrument	Compatibility
Model 90 CA	Manual Tilting Base supported with leg upgrade
Model 90 Pro	Manual Tilting Base supported with leg upgrade
Model 190	Supported with upgrade to DROPimage Advanced
Model 210	Supported with upgrade to DROPimage Advanced
Model 250	Supported
Model 260	Supported
Model 290	Included
Model 400	Supported with upgrade to DROPimage Advanced
Model 500	Supported
Model 590	Included

The Automated Tilting Base requires DROPimage Advanced for in-software control. Included with Models 290 and 590.

Contact ramé-hart instrument co.

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LEARN MORE

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