

ramé-hart Oscillator

Precision Instrument Accessory



Interfacial rheology

Surface dilatational elasticity

Surface dilatational viscosity

Measure surface dilatational elasticity and viscosity via oscillations. Operated alongside the Automated Dispensing System.

Software-Controlled

Supports dynamic experiments

Variable Frequencies

Flexible device controls

Robust Design

Built to last

Requires DROPimage Advanced and the Automated Dispensing System. The dispensing system is a separate accessory unless already included with your instrument.

Specifications

Specification	Details
Product	Oscillator
Part Number	100-28
How It Works	The oscillator is used along with the Automated Dispensing System. Set the stroke position and frequency to initiate oscillations. Stroke length can be adjusted manually. Oscillation sequences can be programmed into dynamic experiments. Results are used to calculate interfacial rheological properties in-software using dynamic experiments.
Manual Operation	Oscillations are driven by the device motor. Initial stroke position can be set manually using the control knob on the back of the oscillator.
Included	Oscillator, 50µL syringe (other sizes are also available), interconnect tubing, stroke-adjustment tool, USB to serial cable, power cable, and user guide
Size	150 x 150 x 150 mm (6 x 6 x 6 in)
Weight	3.2 kg (7 lbs)
Oscillation Frequency	0 - 250 hz
Stroke Volume	0µL - full syringe volume
Power Supply	115 to 230 VAC
Software Compatibility	Requires DROPimage Advanced
Warranty	Includes one-year warranty

Included Components & Compatibility

• Oscillator	• 50 microliter syringe (other sizes available)
• Interconnect tubing	• Stroke-adjustment tool
• USB to serial cable	• Power cable
• User guide	

Instrument Compatibility

Instrument	Compatibility
Model 190	Requires upgrade to DROPImage Advanced
Model 210	Requires upgrade to DROPImage Advanced
Model 250	Supported
Model 260	Supported
Model 290	Supported
Model 400	Requires upgrade to DROPImage Advanced
Model 500	Supported
Model 590	Supported

Requires DROPImage Advanced and the Automated Dispensing System. The dispensing system is a separate accessory unless already included with your instrument.

See the [Automated Dispensing System brochure](#) for dispensing-system specifications.

Contact **ramé-hart instrument co.**

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