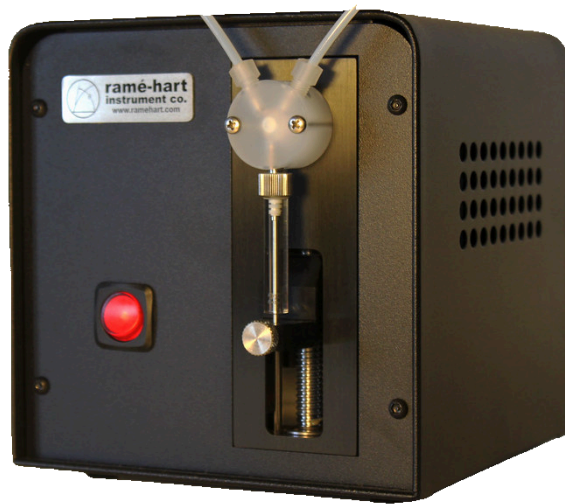


ACCESSORY

ramé-hart Automated Dispensing System

Precision Software-Controlled Dispensing



Designed for

Repeatable drop formation

Automated volume control

Dynamic contact angle studies

The Automated Dispensing System enables precision droplet formation for high repeatability and ease of use. It installs easily with any ramé-hart instrument and supports in-software control with DROPimage Pro or DROPimage Advanced.

Software-Controlled

Control dispensing volume and speed directly in supported DROPimage software.

User-Friendly

An intuitive interface supports straightforward setup and operation.

Repeatable Dispensing

High-accuracy drop formation for consistent measurement workflows.

Specifications

Specification	Automated Dispensing System
Product	Automated Dispensing System
Part Number	100-22
How It Works	Choose a desired step size and dispensing speed, and an output step will form the drop.
Material Compatibility	Hydraulic operation allows the dispensing tip to be filled with any liquid without contaminating tubing or the syringe.
Compatible Tips	Includes adapters for stainless steel reusable needles (p/n 100-10-12-22), disposable needles (p/n 100-10-15-22), 250 µL disposable tips (p/n 100-22-250T), and 30 µL disposable tips (p/n 100-22-30T).
Size	150 x 150 x 150 mm (6 x 6 x 6 in)
Weight	3.2 kg (7 lbs)
Minimum Step Size	0.02 µL (requires 50 µL syringe)
Accuracy	+/- 0.002 µL
Maximum Dispensing Speed	1 second full stroke
Power Supply	115 or 230 VAC
Software Compatibility	In-software control supported with DROPimage Pro and DROPimage Advanced. Standalone software control required for use with DROPimage CA.
Warranty	Includes one-year warranty

What's Included

The Automated Dispensing System includes the components needed for dispensing setup and operation.

• 250 µL syringe	• Inlet and outlet tubing
• Tip adapters	• Set of dispensing tips
• USB to Serial Adapter	• Power cable
• User guide	

Instrument Compatibility

Supported with every current ramé-hart instrument. The Model 90 CA and Model 190 require standalone software control; in-software control is supported on the Model 90 Pro, 210, 250, 260, 290, 400, 500, and 590.

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