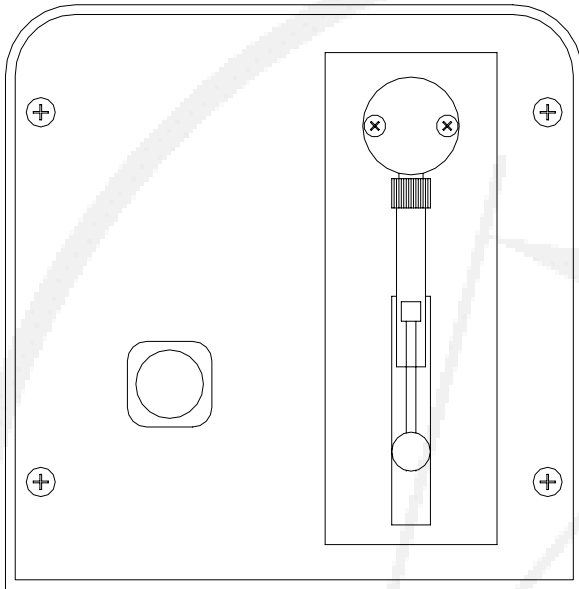


ramé-hart Automated Dispensing System

Part No. 100-22-100



Automated Dispensing System

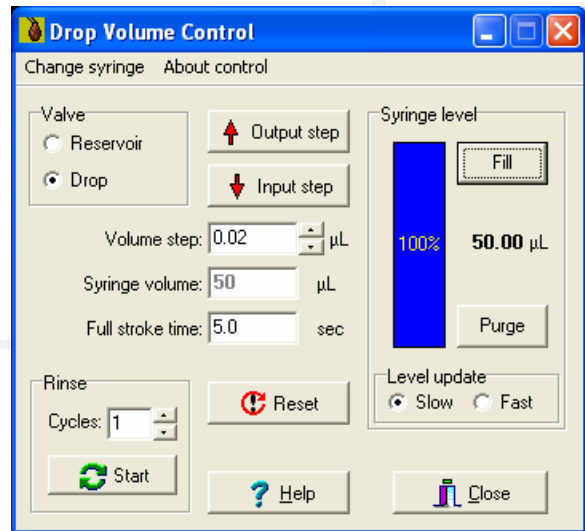
The ramé-hart Automated Dispensing System is a precise software-driven tool for dispensing single drops or dynamic drops — advancing and receding — for analysis with any ramé-hart goniometer. The Automated Dispensing System has been optimized to work with the ramé-hart DROPimage software and is integrated into all current versions. A standalone dispensing program is available (on request) for users of a manual ramé-hart goniometer or other non-ramé-hart instruments. The hydraulic system employs a disposable tip which keeps the syringe and piping free of contaminants. Tips can be switched quickly to change from one test fluid to the next. This tool increases the accuracy of drop dispensing and ensures precise and highly repeatable measurements.

What's in the box: Dispensing tool, serial cable, power cable, one stage adapter, one 250uL syringe (other sizes available), one set of tubing, and one set of disposable tips. Stand-alone software on request.

Specifications

Size	6 x 6 x 6 in (150x150x150mm)	
Weight	7 lbs / 3.2 kg	
Standard Syringe	250µL	
Syringes Supported	50,100,250,500,1000,2500,5000µL	
Smallest Step	0.02µL*	
Step Resolution	0.01µL	
Accuracy	+/- 0.002µL	
Maximum Speed	1.0 sec for full stroke	
Communications	RS232 Serial	
Power Supply	110 or 220 VAC	
Options	Syringe 50µL	p/n 100-22-50
	Fixture Adapter	p/n 100-22-20-xx
	Needle Adapter	p/n 100-22-37
Consumables	Replacement Tubing	p/n 100-22-1067
	Disposable Tips 2.5µL	p/n 100-22-2.5T
	Disposable Tips 30µL	p/n 100-22-30T
	Disposable Tips 250µL	p/n 100-22-250T

* requires optional 50µL syringe; 0.08µL is smallest step with standard 250µL syringe.



ramé-hart instrument co · www.ramehart.com · carl@ramehart.com · 973-448-0305 · fax 0315

PO Box 400 · Netcong · New Jersey · 07857 · USA



$$\sigma = F(d_s/d_e) d_e^2 g (\rho_1 - \rho_2)$$

