

ramé-hart DAS Tensiometer Model 710

Part No. 710-00



Model 710 DAS Tensiometer

The DAS (Digital Automated Surface) Tensiometer is a laboratory-quality instrument that employs the Du Noüy-Padday Rod Pull Method¹. Fully automated surface tension measurements can be taken in about 20 seconds. A DyneProbe is lowered into a disposable Dynecup filled with 3ml (but as little as 50 μ L) of test liquid; a precision low-noise Kibron balance measures the maximum force on the rod as it is removed; the surface tension is automatically calculated and reported. This proven method produces superior results even when up against tensiometers costing four to eight times as much. In addition to being much faster than traditional ring and plate systems, the DAS Tensiometer is well suited for oils, polymers, and other viscous liquids which cannot be measured using traditional tools.

The DAS Tensiometer is compact. The rechargeable battery and rugged design make it an ideal instrument not only for lab and research use but for remote off-site testing and monitoring — including water quality applications. Simple to use, no training is required.

What's in the box:

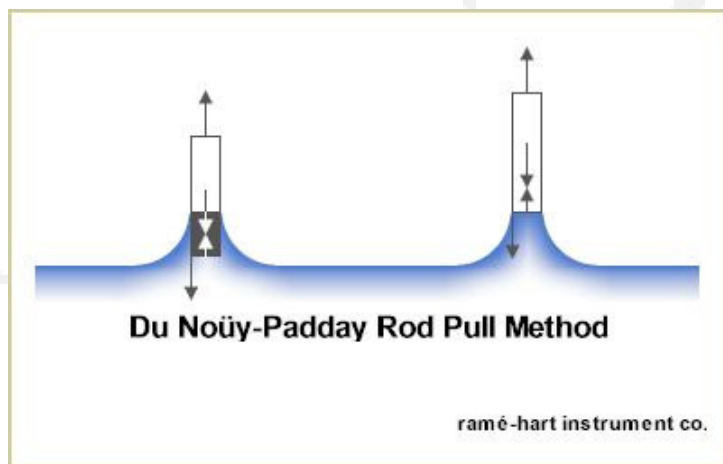
Tensiometer instrument powered by integrated rechargeable battery, controller, plug-in power supply, interface cable, set of (8) DyneProbes, set of (10) disposable Dynecups, instrument case, user manual, priority support from ramé-hart.

Specifications

Size	12 x 3.2 x 6.5in (30 x 8 x 16cm)
Weight	5 lbs / 2.3kg
Method	Du Noüy-Padday Rod Pull Method
Surface Tension	10-100mN/m
Cup Volume	3ml (50 μ L minimum)
Accuracy	<0.1 mN/m
Sensitivity	<0.1 mN/m
Measurement Time	less than 30 seconds
Power	12V rechargeable battery with 110-240V power supply*
Warranty	One year parts and labor

Consumables	Dynecup, 50 pcs	p/n 710-30
	Dynecup, 100 pcs	p/n 710-31
	Dynecup, 200 pcs	p/n 710-32
	DyneProbes, 8 pcs	p/n 710-501

* specify US, Euro, or UK style plug at time of order



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