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Hiac 3000A Liquid Syringe Particle Sampler

Performance Specifications

FEATURES:

- Affordable and accurate
- Quiet operation
- One step sample loading
- Digitally regulated flow rate and stir speed
- High purity sampling design
- CountSpec™ Software
- Easy to clean

APPLICATIONS

- Precision Cleaning Bath Monitoring
- Corrosive Chemicals (with MicroCount™ sensors, requires accessory kit)

Specifications	
Flow Rate Accuracy	<5%
Volume Accuracy	<1%
Sample Flow Rate	10 to 100 ml/min
	Actual operating flow rates are a function of the sensor
Operating Environment	41 to 104°F (5 to 40°C)
	0 to 80% relative humidity, non-condensing
Power Voltage	100-120 or 220-240 VAC
Frequency	47 to 63 Hz
Maximum Current	0.630 A @ 115 VAC
	0.50 A @ 230 VAC

Dimensions	12" wide x 11" deep x 19" high (30 x 28 x 48 cm)
Sample Bottle Clearance	Standard unit: 5.8" (14.7 cm)
Extension kit:	9.0" (22.8 cm)
Weight	20.4 lbs (9.3 kg)
Wetted Materials	Teflon® (PTFE, TFE, PFA)
	Kel-F™ (CTFE)
	Borosilicate Glass
	Schott BK7™
	Stainless Steel 316*
	Viton™
	Stycast™ 2850 Adhesive
Accessories Included	Sampler
	10 ml syringe
	Small and large bore probe
	Cables and power cord
	CountSpec™ Software
	Manual
Ordering Guide	
When ordering, specify:	Power (AC) 100-120 VAC or 220-240 VAC
Optional Accessories	Sampler extension kit
	1 ml syringe
	10 ml syringe (additional)
	25 ml syringe
	MicroCount™ Mounting Kit

HIAC's Model 3000A batch sampler is designed to simplify your particle counting procedures. The sampler incorporates precision stepper motors for sample testing, eliminating the need for pressure lines. This means the Model 3000A can be moved and located anywhere in your lab without concern for pressure air lines.

Sample loading is as easy as placing the sample on a target and pressing a load key. The "hands-off" sample loading and unloading design complements proper sampling technique and reduces operator contamination of the sampling probe. Regulation of the sample flow rate and stir speed simplifies your operation while improving the accuracy of your particle counting tasks.

The new microprocessor-controlled sampler is designed to interface with HIAC's Model 8000A counter or with our liquid particle counting system and software. Sample testing parameters, such as volume and number of runs, are entered by the operator either at the 8000A counter or within the software. The counter and software will then automatically give your testing instructions to the Model 3000A sampler. Operations are simplified without compromising the system utility or performance. Cleanup, a simple matter due to the "crack and crevice-free" design of the Model 3000A, facilitates adherence to GMP.



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