

FlowSync

Wet Delivery System for the Microtrac Sync



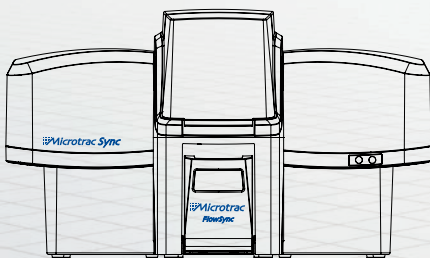
Microtrac FlowSync *Features*

- An in-line ultrasonic probe with variable power disperses agglomerated materials to ensure consistent sample dispersion during measurements.
- Users can program, save and recall unlimited SOP routines for fill, disperse, measure, rinse and run commands.
- A separate fill pump allows the user to connect to any water or solvent source. The recirculator fills, de-aerates, autodilutes and pre-circulates automatically.
- The FlowSync's fluid dynamics feature a built-in turbulence to ensure that all particles are moving constantly within the flow, negating the need for an external stirrer.

FlowSync Specifications

Measuring Range:	0.01 to 2,800 microns		
Particle Size:	2,800µm maximum		
Density:	2000µm maximum at 15 g/ml. Higher densities are possible in some applications.		
Sample Delivery Device:	Viscosity:	5 cp maximum	
	Volume:	200mls nominal	
	Flow Rate:	0 to 65 mls/sec with water	
	Inlet Pressure:	50 psig maximum	
Typical Analysis Time:	10 to 30 seconds		
Ultrasonic (optional):	Frequency: 40 kHz nominal, self-tuning to maintain consistent output over time. Power Level: Variable by FlowSync SOP Setting; 0 to 100%.		
Electrical:	+24 VDC connections through Sync Analyzer docking port		
Power Consumption:	Approx. 70 VA maximum		
Environmental:	Temperature: 5°C to 40°C (41°F to 104°F) Humidity: 90% RH, non-condensing maximum Pollution Degree 2		
Physical Specifications:	Case Material: Stainless steel and impact resistant plastics Finishes: Exterior surfaces are finished with solvent-, stain-, and corrosion-resistant paint or plating Chemically compatible with a wide choice of organic and inorganic dispersants		
Dimensions:	18H x 9.5W x 18D in (460H x 241W x 460D mm)		
Weight:	45 lbs (20.4 kg)		

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Total Solutions in Particle Characterization