

Comparison Table for Research International Air Sampler Products

Product	Air flow & type (sample)	50% capture microns	Power (W)	Mass (kg)	Batt.	Mount	Temp. (C)	Applications/Examples
SASS 2300 Wetted-Wall Air Sampler 	325 LPM wet (4-5 ml sample, up to 8 ml in storage vial)	1.5-2.0	16.	3.7	Y	Vert.	0-66°	<p>Where a liquid sample is needed, or for automated or remotely controlled systems. Onboard 8 ml storage vial.</p> <p>Public health, food processing, poultry, cooling towers, military, civil defense, mail rooms, agriculture, environmental, building health, subways, allergen monitoring, bird/swine flu.</p>
SASS 2400 Low-Volume Air Sampler 	40 LPM wet (1 ml sample, up to 8 ml in storage vial)	1.0-1.5	9.	3.7	Y	Vert	0-66°	<p>Where a liquid sample is needed, or for automated or remotely controlled systems. Small sample volume extends onboard makeup water. Onboard 8 ml storage vial.</p> <p>Nucleic acid-based assays. Public health, food processing, poultry, cooling towers, military, civil defense, mail rooms, agriculture, environmental, building health, subways, allergen monitoring, bird/swine flu.</p>
SASS 3100 Dry Air Sampler 	300 LPM dry (4-8 ml) 4.4 cm diameter Electret filter media	0.5	8.4	1.8	Y	Any	-40 to 70°	<p>Where a dry initial sample is preferred; below-freezing temperatures; long operation or sample storage.</p> <p>Building health, food processing, hospitals, feedlots, environmental, clean rooms, nuclear facilities, UAV's, military, civil defense, subways, allergen monitoring, public health, bird/swine flu.</p>

Comparison Table for Research International Air Sampler Products (continued)

<p>SASS 4000 Concentrator</p> 	<p>3600 LPM conc.</p>	<p>0.5</p>	<p>100</p>	<p>6.3</p>	<p>N</p>	<p>Any</p>	<p>-40 to 70°</p>	<p>Concentrate when large volumes need sampling; below freezing, dilute target aerosols; initial dry sample.</p> <p>Shipping containers, farms, open air markets. Stadiums, building health, food processing, environmental, nuclear facilities, military, civil defense, allergen monitoring, public health, bird/swine flu, airports, train stations, subways.</p>
<p>SASS 4100 Two-Stage Aerosol Collector</p> 	<p>3600 LPM dry (4-8 ml) 4.4 cm diameter Electret filter media</p>	<p>0.5</p>	<p>100</p>	<p>6.3</p>	<p>N</p>	<p>Any</p>	<p>-40 to 70°</p>	<p>When large volumes need sampling; below-freezing, long operation/storage, dilute aerosols.</p> <p>Shipping containers, farms, open air markets. Stadiums, building health, food processing, environmental, nuclear facilities, military, civil defense, allergen monitoring, public health, bird/swine flu, airports, train stations, subways.</p>

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