

## **SASS® 3100 FILTER COMPARISON**

		Filter Media Type	
All four filter types are mounted in a 6.0 cm diameter injection-molded plastic rim. The active filter diameter is 4.4 cm.		Standard Type (Also known as biological or bioaerosol filter) For the collection of pathogenic particulates. Set the SASS 3100 airflow up to 300 LPM for this type of filter media.	HEPA Type (Also known as radiological filter) A high efficiency media for all particulates including radiological. Set the SASS 3100 airflow between 10 and 49 LPM for this type of filter media.
		Composition: Polypropylene electret microfiber Filter Collection Efficiency 50% at 0.5 µm diameter	Composition: Polypropylene electret microfiber Filter Collection Efficiency More than 95% for > 0.3 $\mu$ m
		Filter Mass and Composition 12 mg/cm <sup>2</sup>	Filter Mass and Composition 2.2 mg/cm² for active media 8.6 mg/cm² including backing scrim
Construction Style	Welded Construction The filter media is secured to the holding ring. Designed for use with the SASS® 3010 Particle Extractor, P/N 7000-162-100.	P/N 7100-134-230-04*	P/N 7100-134-231-01
	Removable Construction The filter media can be easily removed from the ring. Designed for use with the Research International Sterile Particle Extractor, P/N 7000-170-100-01, or other user-preferred extraction methods.	P/N 7100-134-232-01	P/N 7100-134-233-01

<sup>\*</sup> The standard welded filter (P/N 7100-134-230-04) is included in the SASS 3010 extraction kit (P/N 7000-162-134-02).