







BGI Personal Sampling Cyclones Matrix

Mesa Labs is proud to offer a comprehensive portfolio of personal sampling cyclones that are certified to measure a large range of cut points for different applications. Use the chart below to select the cyclone that best fits the size particles that will be measured. Cyclone filters may also be purchased from Mesa Labs.

Model:	SCC0.695®	BGI4L / BGI4CP	GK2.69	SCC1.062 (Triplex)	GK2.05® (KTL) / SH	GK4.162 (RASCAL)
Product Image:						
Part #:	3919	3545 / 3546	1534 / 3532	3551	3543 / 3544	3711
Material:	Stainless Steel	Aluminum / Plastic	Aluminum / Stainless Steel	Aluminum	Aluminum	Aluminum
Particle Size Cut:	PM _{0.8}	PM ₄	PM ₄ / PM ₁₀	PM ₁ / PM _{2.5} / PM ₄	PM _{2.5}	PM ₄
Flow Rate (LPM):	2.2 LPM	2.2 LPM	4.2 LPM / 1.6 LPM	3.5 LPM / 1.5 LPM / 1.05 LPM	4 LPM / 3.5 LPM	8.5-9 LPM
Filter Size:	37mm	37mm	37mm	37mm	37mm	47mm
Dimensions:	3.2 x 1.6 x 1.8 (in)	3.9 x 2 x 1.7 (in)	3.9 x 1.6 x 2 (in)	3.4 x 1.6 x 1.8 (in)	3.75 x 1.6 x 2 (in)	6 x 2 x 2 (in)
Weight:	5.67oz	3.6oz/2.65oz	3oz/6.3oz	3.2oz	4oz	8.9oz
Applications:	<ul style="list-style-type: none"> » Diesel soot » PM1 (1.8 LPM flow rate) » PM2.5 (0.8 LPM flowrate) 	<ul style="list-style-type: none"> » Respirable dust sampling 	<ul style="list-style-type: none"> » High flow » Respirable sampling » Thoracic sampling » Sulfuric acid sampling » Silica sampling » NIOSH approval (NMAM) std#2254 » Sampling of MWF 	<ul style="list-style-type: none"> » Diesel soot » PM1 » PM2.5 and respirable 	<ul style="list-style-type: none"> » PM_{2.5} 	<ul style="list-style-type: none"> » High flow sampling for silica » Respirable at 8.5-9 LPM