

Single Mask Pack 625

Provides excellent security for masks and reticles with pellicles

Our mask packages are engineered to provide secure mask protection and precise automation interface, increasing yields and minimizing unscheduled downtime. The Single Mask Pack 625 is designed for a mask or reticle with pellicle. The cost-effective design is combined with an extremely high degree of contamination protection.



APPLICATIONS

- Mask handling
- Mask shipping
- Mask storage

Stackable and easy to open and close.

FEATURES & BENEFITS

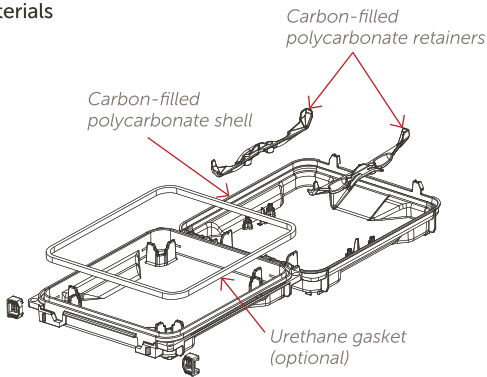
Carbon-filled polycarbonate construction	Provides a durable, high-impact resistant package with low outgassing/contaminants
	Provides ESD path to ground from reticle to equipment, reducing possible damaging ESD event during storage
Predictable mask locators	Enables precise reticle position and more repeatable reticle access
	Less particle generation on reticles and fewer scratches, reducing unscheduled downtime for cleaning reticles
Reliable mechanical interface	Allows more reliable equipment operation on process tools and automated materials handling systems, increasing uptime
Reticle retainer system	Limits reticle movement during transportation, reducing particle generation
	Improves reticle safety, reducing scrap due to damaged reticles
Unique latch design	Maintains more reliable operation and safe reticle transport
Complete assembly is DI water cleaned and cleanroom packaged	Ensures product purity

SPECIFICATIONS

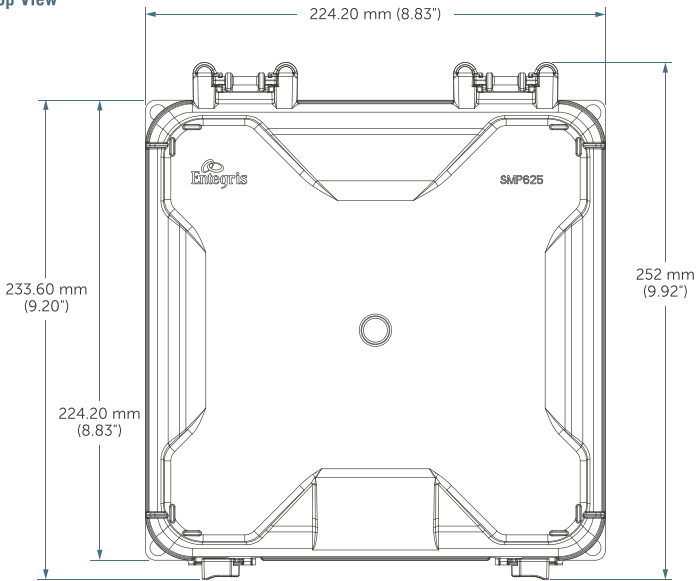
Material	Cover	CNT polycarbonate, PMMA polycarbonate
	Base	CNT polycarbonate
Color	Black	
Surface resistivity	Cover, base	$10^6 - 10^8$
	Retainers	$10^4 - 10^5$
Mask size	152 mm sq. (6" sq.)	
Mask thickness	6.35 mm (0.250")	
Overall size	224 mm x 224 mm x 25.4 mm (8.82" x 8.82" x 1.00")	
Weight	~500 g (1.1 lb)	

DIMENSIONS

Materials

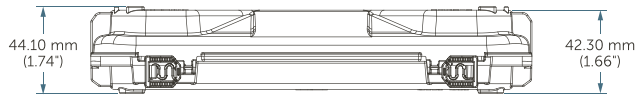


Top View

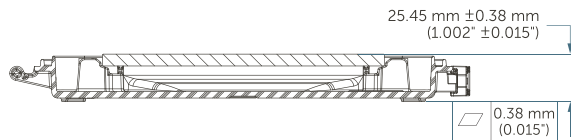


DIMENSIONS

Side View



Reticle Seating Plane



ORDERING INFORMATION

PART NUMBER	BOX MATERIAL	GASKET
SMP625-201-66N02	CNT polycarbonate	No
SMP625-211-66N02	CNT polycarbonate	Yes
SMP625-211-88C021	PMMA-CNT polycarbonate	Yes

FOR MORE INFORMATION

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