

# M200 Wafer SMIF Pods

*Excellent structural design and outgassing performance*

The M200 SMIF pod provides contamination control to semiconductor manufacturers by protecting 200 mm wafers during transport and storage operations.

The excellent structural design and outgassing performance offers an environmentally-secure wafer container that maintains a superior minienvironment for the wafers with inherent automation compatibility.

## APPLICATIONS

Coupled with our advanced 200 mm wafer transport carriers, these isolation pods provide contamination control to semiconductor manufacturers during:

- Contamination-free wafer transport
- Environmentally secure wafer storage



*Provides superior minienvironment control.*

## FEATURES & BENEFITS

<b>Materials of construction</b>	Provide low particle generation, low outgassing, and long life
<b>Durable polycarbonate material</b>	Provides excellent dimensional stability and rigidity
<b>Automated handling features</b>	Provide reliable equipment operation on process tools and automated materials handling systems
<b>Designed for use with advanced 200 mm and 150 mm KXTC150 series wafer transport carriers</b>	Reduces cost of ownership

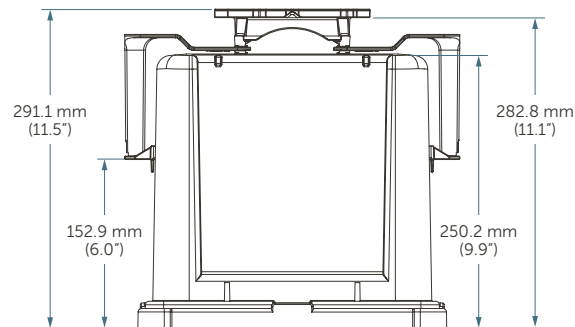
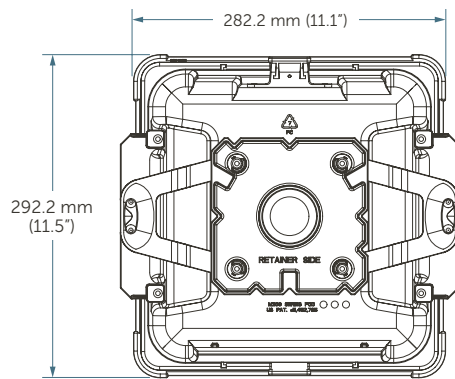
SPECIFICATIONS

Materials of construction	Shell	Polycarbonate
	Door	Carbon-filled polycarbonate
	Wafer lock and frame	Polycarbonate
	Cassette hold down	Filled PTFE
	Cassette guides	Polycarbonate
Wafer carriers	Accommodates most 25- and 26-capacity 200 mm wafer carriers <ul style="list-style-type: none"><li>M200 series for most standard carriers</li><li>M205 series for wide flange carriers</li></ul>	
Product type	Standard, high purity	
Product options	Shell colors	Amber, clear, black
	Identification	Bar code and alphanumeric character labels
		Color handles
		Laser marking bar codes and alphanumeric characters
		Card holder and traveler tag
	Handling	Top automation handle
		Carrying handle

Note: Conforms to SEMI® E19.4

## DIMENSIONS

Base dimensions	282.19 mm × 292.23 mm (11.125" × 11.5")
Pod height (without AK handle)	250.19 mm (9.85")
Pod height (top of AK handle)	291.14 mm (11.46")
Pod height (bottom of AK handle)	282.80 mm (11.13")
Pod height (bottom of side handle)	152.91 mm (6.02")
Weight (empty pod)	2.58 kg (5.7 lbs)
Weight (pod shell)	1.91 kg (4.2 lbs)
Weight (pod door)	0.67 kg (1.5 lbs)



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