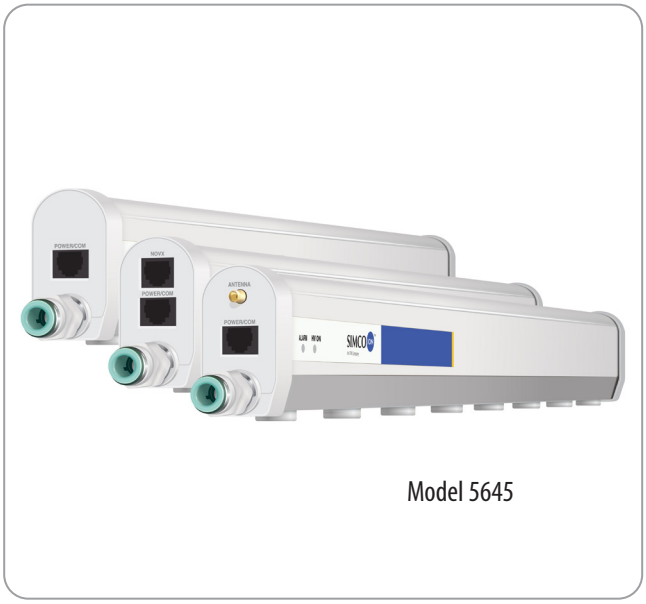

Model 5645

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Ionization Solutions

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MP AeroBar® Accessories

MODEL 5630 / 5635(M) / 5645(A)(N)

The MP AeroBar is engineered to deliver industry-leading ionization performance for semiconductor back-end advanced packaging and test applications and front-end ultra-clean environments. It ensures fast discharge times, low swing voltages, and precise ion balance. This advanced design allows mounting within 150 mm of the wafer, optimizing performance in space-constrained or high-sensitivity zones.

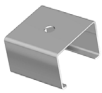
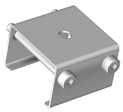
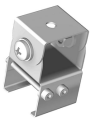
A range of accessories is available to optimize the MP AeroBar for specific application requirements.

Features

- Mounting Clips and Brackets
- 5601 Power Distribution Box
- Various Emitter-Nozzles
- Available with Closed-loop Feedback features

Benefits

- Designed specifically to fit in MP AeroBar chassis
- Bracket options offer mounting flexibility
- Can be used to mount the MP AeroBar vertically or horizontally
- Allows for connecting max 8 bars with alarms and power
- Specifically designed with tool so to be easy removal for cleaning or replacement
- Rod Antenna Kit for the 5645A is available; or a Novx Antenna can be connected to enable enhanced performance monitoring and control through the Novx system

Signal and Power Junction Box for 1 MP Bar		
33-25625		24 VDC Power Converter Box with Signal and Power Junction Box Kit
33-21491		Signal and Power Junction Box for FMS connection
92-5635-001		MP AeroBar Serial Adapter Kit (2-port RJ-45 Splitter/Combiner, RJ-45 to DB9 Adapter, USB to Serial Adapter included)
5601 Power Distribution Box (8 bars max)		
33-5601-03		Power Distribution Box
14-21241		Power Supply (Power Distribution Box only) (an appropriate power cord is required)
Mounting Clips/Brackets (Models 5630 / 5635 / 5645(A)(N)		
28-6370		Flat mounting clip
33-5353		Flat clip with active/screw fastener
32-22210		Adjustable horizontal mounting bracket
32-22220		Vertical mounting bracket
Mounting Brackets (Model 5635M)		
32-2212-01		Delrin® Plastic Bracket Clamp
32-2214-01		Delrin® Plastic Bracket Swivel
32-2215-01		Delrin® Plastic Clamp/Swivel Kit
33-2215-01		Delrin® Plastic Bracket Assembly

Emitter Nozzles (Models 5630 / 5635(M) / 5645(A)(N)		
71-25660		QTC27 TurboJet Emitter Nozzle with Titanium Emitter Point, standard for 5630
71-25380		QOC30 OpenJet Emitter Nozzle with Titanium Emitter Point
33-5385-01		QOU30 OpenJet Emitter Nozzle with Single-crystal Silicon Emitter Point, standard for 5635/5635M
33-5386-01: No-Air-Hole OpenJet Emitter Nozzle is available (optional for 5635M)		
33-5391-02		LPOU OpenJet Low Profile Nozzle with Single-crystal Silicon Emitter
33-5390-02: No-Air-Hole Low Profile Nozzle is available		
32-5391-INST		LPOU Low Profile Nozzle Installation Tool
Network Cables		
25-0540-6 25-0540-10 25-0540-15		CAT-5 RJ-45 Network Cable for connecting MP Bar to Junction Box or Distribution Box
Rod Antenna Kit (Model 5645A)		
33-0545-zzz-01		SMA Rod Antenna Kit (zzz = 350, 450, 600, 850 mm lengths and bar length 850 mm or longer, use 850 mm Rod Antenna), RoHS
Novx Passive Antennas (Model 5645A)		
33-0521-xx	Passive Antenna, 1.75" x 1" tall with SMA-to-SMA Cable (xx = 5, 10, 20 ft lengths)	
33-0504	Passive Antenna, 1.75" x 4" tall with SMA-to-SMA Cable (5 ft)	
Novx Network Cable (Model 5645N)		
33-1620/30-xx	RJ-11 Cable for connecting 5645N to Novx Series 7000/3352/3362 (xx = 6, 10, 20 ft length)	
Software		
91-5635-SW-Vxx	MP AeroBar Software Version xx	

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DS-5645-accessories_V2 - 8/25
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