

Sputtering Components' Remotely Adjustable Magnet Bar or RAM-Bar™ allows customers to adjust the distance between the magnets and the target surface from outside the system during operation.

FEATURES:

- Self-contained system that utilizes fiber optics for control
- Compatible with SCI's TRM-Bar™, mQRM-Bar™ and QRM-Bar™ magnet bars
- Achieve film thickness uniformity of better than +/-1%
- Two modes of operation including precision uniformity adjustment and constant plasma impedance
- Movement accuracy of +/- 50µm over the full 20mm range of motion
- Allows for up to 4mm vertical difference between adjustment locations
- Robust industrial communication via ethernet gateway
- Control multiple magnet bars through the coater PLC or a dedicated computer
- Easy-to-use, customizable operational software



RAM-Bar™ Magnetics

BENEFITS:

- In-situ uniformity and position adjustments eliminates costly system shutdown.
- Very fine tuning for the most demanding uniformity requirements.
- Constant impedance mode can reduce process drift and help stabilize the deposition rate throughout the lifetime of the target materials.
- The batteries are standard rechargeable Li-Ion packs that can quickly and easily be swapped out.

Min BT Length	Max Target Diameter	Adjuster Pitch	Adjustable Uniformity	Application
1m	180 mm	12" / 305mm	<+/- 1%	Optical Thin Films with Tight Uniformity Requirements