ARM-Bar™

Overview
Patent-pending mechanical means for safe and easy adjustment, insertion, and removal by the operator with common tools.

Enables sputtering sprayed and monolithic Nickel (Ni) targets with the utilization and uptime benefits of a rotary cathode; sputtering of other magnetic material may also be possible.

Applications include EMI shielding, nickel sputtering as an adhesion layer for polyimide substrates and magnetic storage.

Design Features
Can be used in 125 mm ID target tubes.

In order to penetrate the magnetic material, uses our strongest magnet bar, the QRM.

Produces a target surface tangential magnetic field flux of 830 Gauss with a 5 mm thick Ni sprayed tube target.

Precisely locates the magnets a set distance from the target ID.

Prevents accelerated wear or damage to support components.

Provides a water flow pathway that is compatible with the QRM for effective cooling.