

ARM-Bar™

Air Retractable Magnet 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: 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

