

LINEAR MAGNETRONS

Reshaping the Future of Magnetron Sputtering Technology

As more industries discover the speed, controllability, and bottom-line benefits of magnetron sputtering, Angstrom Sciences is developing tools to maximize the output of these larger, faster manufacturing processes.

BROADER SOLUTIONS

For those who have to coat extremely broad substrates or have to achieve extremely high throughput, rectangular magnetrons offer the perfect solution.

PATENTED ADVANTAGES

Angstrom Sciences' rectangular magnetrons incorporate our fully-encapsulated patented profiled NdFeB rare earth magnets and turbulent water flow to provide unparalleled performance.

STANDARD FITTINGS

We use ISO NW standard fittings, as well as Conflat^(R) metal seal flanges. All utilities are maintained at atmosphere and accessed through standard O-ring compression fittings for easy installation in any vacuum system.

TOTAL POWER COMPATIBILITY

Low-impedence heads provide RF, DC, mid-frequency DC, pulsed DC, and microwave power compatibility.

PROVEN PERFORMANCE

These magnetrons deliver the unparalleled performance that has made Angstrom Sciences the new standard of the industry.

Standard operation at extremely low pressure and exceptionally high power, provides you with the perfect balance of uniformity, utilization and rate in any application.

GOING TO ANY LENGTH

Angstrom Sciences' rectangular cathodes are available in a full range of target widths from 1.5" to 16" and lengths up to 12 feet. And, of course, we are fully-equipped to design and build custom magnetrons for any of your production needs.

TOTAL COMMITMENT

All Angstrom Sciences' magnetrons are guaranteed against defects in workmanship and materials for two full years. Magnetrons are our core business, and we stand ready to ensure your satisfaction.

