

Questionnaire - sputter magnetrons

① application questionnaire

If you would like a recommendation as to how we can help meet your application needs, please print and complete this questionnaire, and forward it to us via mail or fax at the address/number provided above. We'll respond by the method you specify.

② contact information

Name: _____

Title: _____

Email: _____

Phone: _____

Fax: _____

Organization: _____

Address: _____

City: _____

State, Zip: _____

How would you like to be contacted?

phone fax email sales call

③ design type

AVALUXE offers a full line of Circular, Linear, Rotating, and Cylindrical Options.

Please confirm which design type you would like us to provide additional information on?

Circular Linear Rotating (round) Cylindrical

④ application information

Engineering Details:

1| What type of system are you using?

New Existing

2| What type (In-line, batch coater, bell jar, etc.)?

3| If existing, are there any pre-existing flanges, mounting requirements, or space restraints?

Do you have any drawings?

4| Is the substrate static:

rotating- single axis rotating- dual axis
 linear motion

5| What is your desired target size?

6| What is your target material?

7| Do you have a preferred target thickness?

8| Do you want:

Direct-Cooled or Indirect-Cooled

9| Are you using clamped, bonded, or bolt-on targets?

10| What type of mounting do you require?

Internal or External

If Internal, what stem tube length do you require?

If external, do you have a specific flange type or size requirement?

11| Do you have any specific utility requirements? (Water fitting type, power cable type, power connector type, etc.)

12| What hardware do you prefer?

Standard Metric

13| What is your sputtering orientation?

Up Down Side-Vertical
 Side-Horizontal

14| What is your source to substrate distance?

Technical/ Process Details:

15| Are you sputtering

RF DC MF or all ?

16| What is your application category? (Semi-conductor, Optical, Glass Coater, Wear Coating, Medical, Decorative, Packaging, Solar, or Other)

17| What is your product?

18| What is your substrate material?

19| What is your power level requirement?

20| At what pressure will you be operating?

What is the system base pressure?

21| What are your performance requirements?

Rate: _____ Uniformity: _____

Utilization: _____

22| What process gases will be used?

_____ Other (specify: _____)

23| Is a process gas inlet distribution system installed in the chamber?

24| Do you require other magnetron accessories? (Shutters, Cross Contamination Shields, Flex Assemblies, etc.)

25| How many magnetrons do you require?

26| When do you require delivery?

27| Do you have any drawings available of the chamber or your existing cathode design that may be helpful?
