

Discover why MSI
has earned dozens
of customer awards
for quality excellence.



Materials Science International, Inc. (MSI) commands an international reputation for its experience in the design, manufacture and servicing of metal and ceramic sputtering targets and coater support equipment. MSI serves customers in many countries engaged in thin film coating of agricultural /industrial glass, electronic, automotive and aerospace components.

MSI maintains a fully functional and capable quality control department which has been certified by BSI, an independent third party registration service to be compliant with BS EN ISO-9001:2008 for the:

- Manufacture of specialized components
- Customized precision machining
- Related equipment development.

MSI's internal controls achieve superior material utilization with lot to lot stability and traceability.

Processes and Capabilities

- Metal Casting
- Rolling & Straightening
- 40" capacity Sawing
- CNC Machining
- Hot & Cold Vacuum Pressing
- Sintering
- Heat Treating
- Bonding
- Metal & Ceramic Grinding
- Fabrication & Assembly
- Vacuum Packaging
- Material Testing
- CAD Design
- Polishing & Cleaning
- Inspection & Testing



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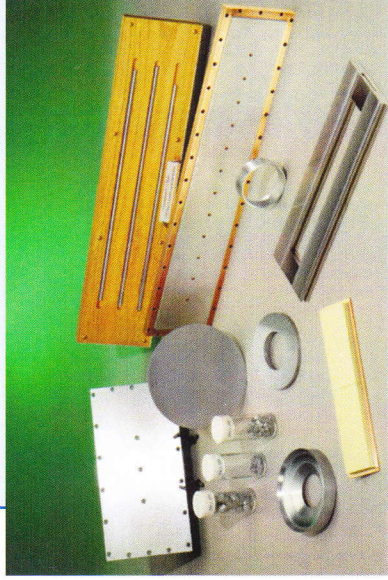
Materials Science International, Inc.

**MSI is on
TARGET
to serve you!**

*Manufacturer of
High Quality Sputtering Targets . . .
delivered on time.*

*Manufacturer of
specialized components,
including customized precision machining
and related equipment development.*

Manufacturer of specialized components, including customized precision machining and related equipment development.



Targets (up to 4 Meters)

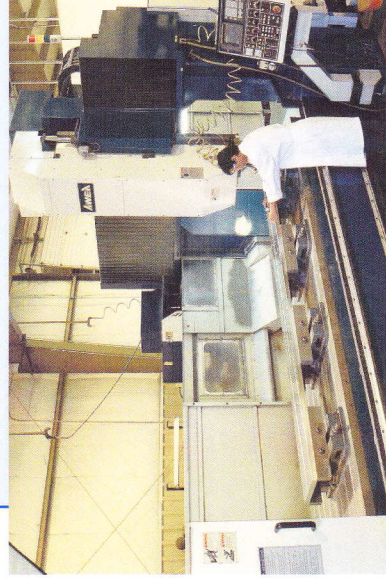
- Tile Sets
- Segmented Planars
- Monolithic Planars
- Rotatables
- Lab Specials

Product Offerings (up to 4N's %)

- Precious Metals
- Semi-Precious Metals
- Non-Precious Metals & Alloys

Processes Available (In-House)

- Castings
- Thermal Spraying
- Bonding



MSI maintains a fully functional and capable quality assurance department.

MSI's internal controls provide material utilization and lot to lot traceability.



- 48" x 80" x 21" Coordinate Measuring Machine with automated 3D measurement & model support capability
- 24" x 8" Optical Comparator
- Surface analysis of finish, roughness & profilometer measurements
- Non-destructive Testing including Penetrant & Ultrasonic Techniques
- Surface Hardness Testing
- All measuring equipment calibrated to standards traceable to NIST

