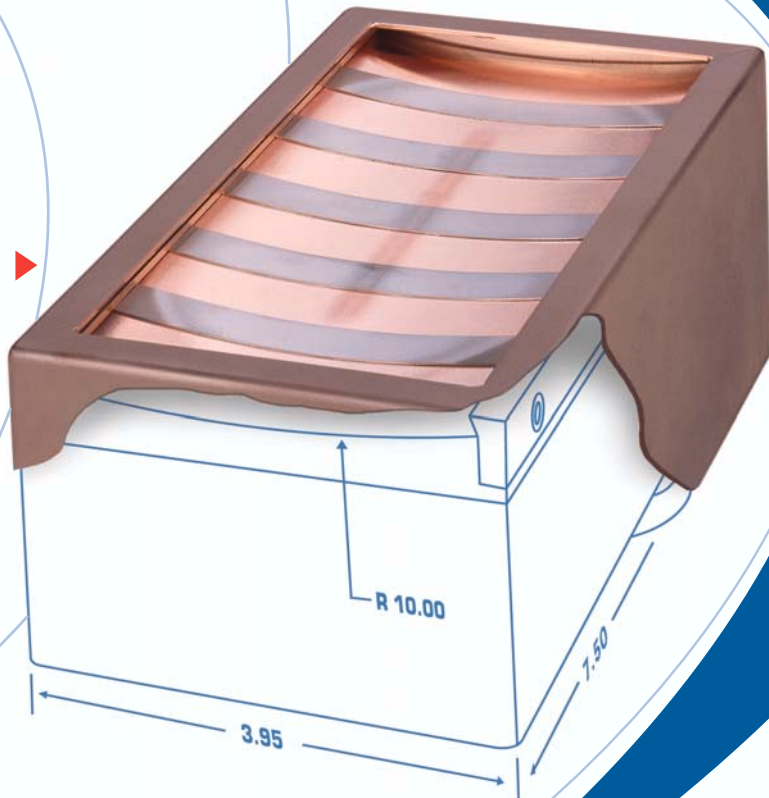


Introducing MI\$ERMAG

The Curved Bed Cathode by Isoflux

Low cost, thin targets clamp into the curved cathode. As they heat up in use, they press firmly against the cooled surface. Alloys can be deposited using strips of different materials.*



- ▶ **Cut your target costs dramatically!**
- ▶ **Change alloy compositions inexpensively, in minutes!**

* Photograph above shows .020" thick strips of titanium on a .030" thick copper target.

Don't spend hundreds or thousands of dollars on targets that get used once and sit on the shelf!

Comparative costs of readily available sheet targets and conventional full-size targets (3½" X 7½"):

Material:	Cost for readily available sheet stock (.030" thick)	Cost for conventional machined target (.250" thick)
Ti (99.3%)	\$30	\$625
Cu (99.99%)	\$40	\$675
Al (99.99%)	\$250	\$600
Al (6061)	\$15	\$450
Au (99.99%)	\$3,800	\$26,000

Standard Cathode Specifications:

Target Dimensions: 3½ inches by 7½ inches

Target Thickness: 0.010 to 0.040 inches

Cathode Dimensions: 4¾ inches by 7¾ inches by 3 inches

Mounting: Internal, 1-inch feedthrough

Power: 1 kW dc, ac or pulsed dc*

Water Flow: 1 gallon per minute at 60 PSI

Sputtering Pressure: 5 mTorr to 50 mTorr

Magnets: Balanced or unbalanced rare earth magnets, no water contact

Construction: Stainless steel, ceramic, modified PTFE

* Maximum power depends on target material and thickness

Custom Cathode designs are available on request.

**Call us today for
complete information!
585.349.0640**



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