Free Parts Evaluation
& System Recommendation

At our Induction Heating Applications Lab in Scottsville NY, we constantly evaluate and develop new uses for precision induction heating using our advanced solid-state technology.

We invite you to send us samples of your parts for a NO CHARGE parts evaluation and system recommendation.

You benefit from our knowledge...

Our experts apply vast induction heating experience and knowledge to your heating application. We’ve provided thousands of solutions for parts of every size, shape and material composition. Our Application Engineers analyze your process, heat your parts and make recommendations. We encourage you to visit the Applications Lab at any time to work on your application with our induction experts.

…and from our Application Laboratory!

In our 1500 sq. ft. Laboratory, we employ induction heating systems rated from compact 1 kilowatt table-top models to 350 kW floor models. In addition to hundreds of proven coil designs, we:

• develop prototype coils for unique applications
• use videos to provide recorded results
• employ modern tools for thermal analyses
• use closed-loop temperature control
• help with small production runs
• assist you with process development

It doesn’t get any easier than this...

Let us help you determine the best induction heating method for your manufacturing process! We will evaluate your process heating needs with a smaller, more efficient solid-state power supply. Experience improved uptime, higher throughput and reduced energy usage.

…to have your parts and process evaluated!

Help us understand your process and performance requirements by answering the questions on the reverse side of this sheet. Then call us about your parts; let us review the information and advise you. If we determine tests are needed, send your parts to the address on the bottom of the form. If you have questions, please call, fax or e-mail us.

“One test is worth a thousand expert opinions!”
Service Requested

☐ Calculations only  ☐ Full Feasibility Test* (with budgetary estimate)
☐ Process Development (for formal quotation)

*Please include several parts and all other materials necessary to complete your finished samples.

Your Information

Name: __________________________ State/Prov: __________________________
Title: __________________________ PostalCode: __________________________
Company: ______________________ Country: __________________________
Address 1: ______________________ Phone: __________________________
Address 2: ______________________ Fax: __________________________
City: ___________________________ e-mail: __________________________

Process Information

☐ Annealing  ☐ Brazing  ☐ Curing  ☐ Forming  ☐ Fusing  ☐ Catheter Tipping
☐ Hardening  ☐ Mat. Testing  ☐ Plastic Reflow  ☐ Shrink Fitting  ☐ Soldering

Notes (use additional sheet if needed):

Describe your end product.

Part Details:  ☐ Drawing, sketch, photo attached  ☐ Parts included

How do you hold the parts during heating?

Are there other requirements we should know about?

Performance Data

Materials to be heated: __________________________ Solder/Braze/Flux used: __________________________
Hardness Depth: __________________________ Rockwell Hardness: __________________________
Weight: __________________________

Present results
Method: __________________________
Cycle Time: __________________________
Heating Time: __________________________
Temperature: __________________________

Desired results
Method: __________________________
Cycle Time: __________________________
Heating Time: __________________________
Temperature: __________________________

Ameritherm power supply

Water Cooling

Induction heating requires a source of cooling water; do you have plant cooling water?
☐ Yes; please quote a water-to-water system
☐ No; please quote a chiller system

Line Voltages
☐ 360-520V 3Ø  ☐ 220V 3Ø  ☐ 110-220V 1Ø

What is the most important thing for us to remember about your process?

When do you need this solution?

Is there another contact in your organization to discuss this with?

-