



BRAZING WITH INDUCTION

SUPERIOR SPEED, SAFETY, AND CONSISTENCY

Radyne Takes the Hassle Out of Brazing

Brazing is a strong, versatile, and adaptable method of joining metal. However, the use of flame torches complicates the brazing process. Luckily, Radyne eliminates the need for open flame with induction heating technology.

Radyne induction brazing systems provide clean, consistent brazing for a wide range of metals including aluminum, copper, brass, stainless steel, carbides, and more.

Put Out The Flame

- Remove torches and open flame from the workplace
- Improve operator safety and reduce training requirements
- Great for confined space applications
- No more inventorying, moving, or paying for gas cylinders
- Eliminate the need for Carbon Monoxide (CO) venting
- Achieve a superior finish without part sooting

Ready To Go, Right Away

Radyne turn key systems are quick and easy to implement into your production line. Our in house design and development team can work with you to customize your machine for your unique needs.

Improve efficiency

- Induction technology heats the metal directly. This reduces the energy required to achieve desirable results.
- Produce faster, more consistent, and higher quality braze joints than what is possible with a flame torch.

Control you can count on

- Radyne induction systems feature intuitive, easy to use controls that require minimal operator training.
- Programmable recipes make repeatable processes as easy as pressing a button.

Radyne Induction Brazing Solutions

Voyager™ Handheld Induction Units

Voyager™ handheld units are ideal for Brazing, Soldering, Heating, Drying, Coating, and Heat Shrinking applications. These units offer maximum mobility with a lightweight handheld transformer that lets you put the heat right where you need it. Voyager™ systems include one of our handheld induction transformers, a VersaPower®-Xtreme™ power supply, and custom coils. Handheld transformers are offered in Mini, Micro, and Nano sizes to best suit your process.



InductoVise™

The Radyne InductoVise™ adjustable induction system combines the speed, quality, and precision of induction heating with the flexibility to accommodate a large variety of parts, sizes, and processes. It is perfect for applications such as brazing, soldering, and heat treating. This system allows the heating of different sized parts without costly and time consuming changeovers.



Versapower®-Xtreme™

The VersaPower®-Xtreme™ is a highly versatile tabletop induction power supply. Offering never before seen flexibility via on-unit or remote controls, optional right or left coil mounting positions, advanced safety features, and more, the Versapower®-Xtreme™ induction power supply is in a class of its own. Excelling in highly repetitive processes, the VersaPower®-Xtreme™ is able to accelerate processing speeds by precisely and consistently focusing heat on parts to deliver an exact internal thermal profile.



Committed to Your Success

We believe in building strong relationships.

Founded in 1946, Radyne has developed unique skill and facilities in the field of Induction Brazing.

Our products offer a winning combination of innovative technology and custom processes automation. We employ decades of experience to deliver the exacting results you demand, and stand behind all of our high-quality equipment with outstanding 24/7 customer service and support.

As a proud member of the Inductotherm Group of 40 companies located worldwide, Radyne has a strong global network of manufacturing and service facilities, access to a full range of engineering, installation and repair services that are always available wherever your business is located.

