

## Induction Power Supply Model 1TM

***The RDO 1TM induction heating power supply is a flagship product for RDO Induction and for a good reason.***

The 1TM has proven to be highly versatile and reliable power supply over the years. The 1TM delivers a sleek, compact cabinet design, which can be placed or mounted nearly anywhere and had earned a solid reputation for its reliability and ease of use in the field. The 3 kW power can be delivered in highly localized areas if needed, in addition the system can be easily fitted with a standard Infrared Temperature control (Model 1L) that can be used for precise temperature control feedback when heating above the visible spectrum. Other available options include a Gas Dispensing Electro-Valve that easily integrates and manages the dispensing of Cover Gas through the system Microprocessor and Wire Feed systems for dispensing of soldering and brazing wire for certain joining applications. While the application ideas are endless, the 1TM has proven to boost productivity and quality in many soldering and brazing related processes. In particular, tremendous success has been achieved in High Tech industries where very tight and precise heat zones must be achieved. The 1TM has proven capable of delivering repeatability never before achievable with conventional soldering techniques. The 1TM combines affordability, quality, reliability and versatility like no other power supply of its kind on the market.



### **Dimensions:**

Generator Dimensions - 17"x5"x8" (DxWxH)  
Generator Weight - 20 lbs.

- Power level of 3 kW with a frequency range from 400 to 700 kHz
- 100% Solid State circuitry
- User friendly digital display and controls with built in timer
- Built in diagnostic system for circuit protection and trouble shooting
- Highly compact bench top design
- Power control 10-100%
- Input power 220-230V, 1-phase, 50/60 Hz
- Accepts tiny coils for precise heat zone location
- Trouble free tuning and setup
- High reliability, fewer spare parts and less downtime
- A standard 3-Axis support which allows for the fine and exact positioning of the inductor

***For more information visit us on the web: [www.rdoinduction.com](http://www.rdoinduction.com)***

**RDO Induction LLC • 2170 Route 57, Washington, NJ 07882 • tel: 908.835.7222 • fax: 908.835.7272 • [info@rdoinduction.com](mailto:info@rdoinduction.com)**

### Induction Power Supply Model 1TS Minimax 1.5 and 3.0

The RDO 1TS Minimax is the sister power supply to the 1TM model. Like the 1TM model, the Minimax is a flagship product for RDO Induction. The Minimax offers all the benefits of the 1TM but with some upgraded features. The Minimax comes standard with a remote heat station, which allows the users to place the power supply in a remote area with the tiny heat station close to the work-piece. This has proven to be particularly beneficial when automation is desired. In an automation environment, the remote heat station can be moved in and out of its final position if desired, while the main power supply unit is stationed in a nearby fixed position.

The Minimax has RS232 communication capabilities, which allows the operator to deliver commands to the power supply from an external computer source. The Minimax is available in 1.5 kW for applications that require very low output levels. This allows the Minimax to deliver as low as 150 watts of power is needed. In addition the system can be easily fitted with a standard Infrared Temperature Control (Model 1L) that can be used for a precise temperature control feedback when heating above the visible spectrum.

Other available options include a Gas Dispensing Electro-Valve that easily integrates through the system Microprocessor and Wire Feed systems for the dispensing of soldering and brazing wire for certain joining applications.



#### Dimensions:

Generator Dimensions - 11"x13"x6" (DxWxH)

Head Dimensions - 6"x2"x3" (DxWxH)

Generator Weight - 25 lbs.

- Available in power levels of 1.5 or 3 kW with a frequency range from 400 to 700 kHz
- 100% Solid State circuitry
- User friendly digital display and controls with built in timer
- Comes standard with remote heat station
- Built in diagnostic system for circuit protection and trouble shooting
- Optional RS232 or 485 Communication ports
- Highly compact bench top design
- Input power 220-230V, 1-phase, 50/60 Hz
- Accepts tiny coils for precise heat zone location
- Trouble free tuning and setup
- High reliability, fewer spare parts and less downtime

### Induction Power Supply Model 2TS Minimax 1.5 and 3.0

The 2TS Minimax has all the advantages and features as the 1TS Minimax but with two remote heat stations. The two heat stations are designed primarily to increase productivity. It gives the user the advantage of uploading and loading a second station, while the first station is cycling.

This can dramatically improve productivity in certain processes. Once the first station completes its cycle, the second station can be uploaded and ready to go immediately. Although the heat stations can only fire one at a time, they have independently adjustable power and cycle time settings.

- All features of 1TS Minimax
- 2 Remote heat stations
- Increased productivity

For more information visit us on the web: [www.rdoinduction.com](http://www.rdoinduction.com)

RDO Induction LLC • 2170 Route 57, Washington, NJ 07882 • tel: 908.835.7222 • fax: 908.835.7272 • [info@rdoinduction.com](mailto:info@rdoinduction.com)