INDUCTOTHERM
An Inductotherm Group Company

Inductotherm: The World's Leading Manufacturer of Induction Melting Systems

INDUCTOTHERM: GIVING YOU THE EDGE

About Inductotherm

Inductotherm is the world leader in induction technology. We build melting, holding, heating and pouring systems for virtually all metals including:

- Gray, ductile and malleable iron
- Steels and nickel/cobalt-based alloys
- Copper and copper-based alloys
- Aluminum, zinc and reactive metals
- Precious metals

Inductotherm also builds heating systems for high temperature and ultra-high temperature carbon processes.

As the world's largest manufacturer of induction melting systems, only Inductotherm can offer proven, efficient, reliable and productive systems for all your melt shop needs.

Inductotherm is ISO 9001:2000 registered and its VIP® induction power supplies are certified by ETL to UL, CSA or CE standards.

The Inductotherm Pledge

We give you the competitive edge by providing the best in customer service, quality and reliability, value, design and technology.

VIP® POWER SUPPLY SYSTEMS

Digital Control

- In its standard configuration, a VIP power supply includes an intelligent digital control board with fiber-optic connectors for clear signal processing, a bright LED panel system information display and an integral keypad for control and data entry. All control board functions can be configured via the keypad
- For advanced computer control assistance, VIP power supplies are available with built-in Melt-Manager® Plus™ automation or for connection to external Meltminder® 200 computer control systems. VIP units equipped with Melt-Manager Plus controls include a full-color LCD screen with a touch-sensitive interface
- Remote control panels are available for all VIP units

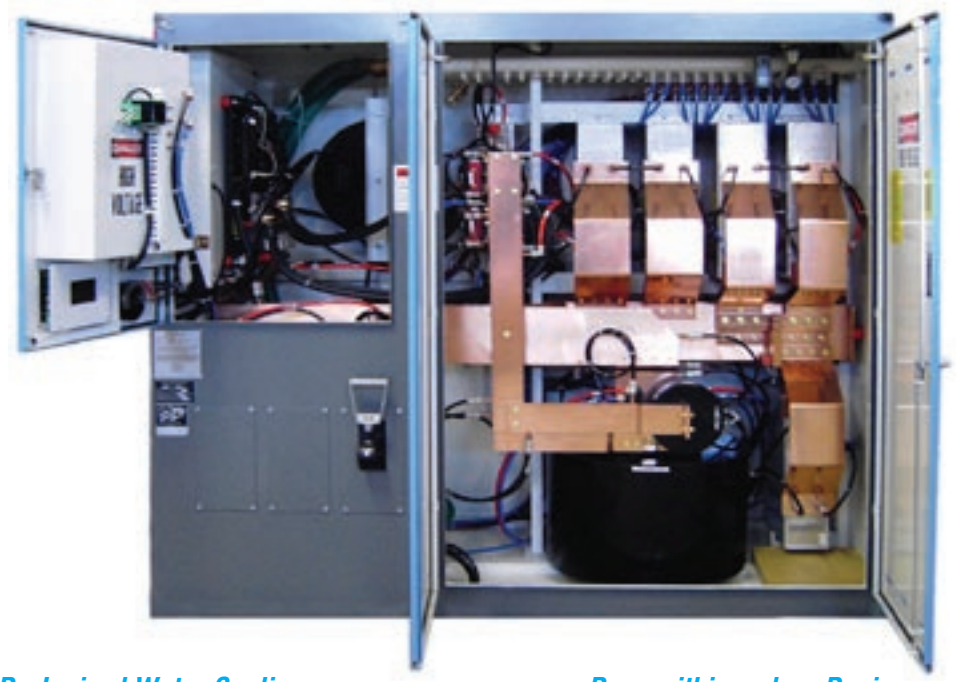
Automatic Full-Power Response

- Automatic full power response from cold charge to fully molten melts more metal per kWh and kVA for lower melting costs and greater productivity

VIP®-I™ Series Cabinet with Melt-Manager® Plus™

Our VIP induction power systems have the fastest melt rates from cold charge to pouring temperature & melt more pounds per kWh & kVA for lower melting costs and greater productivity. We have an extensive range available so please contact us to find out what system will best suit your needs.

The Fastest Melting Systems In The World



De-Ionized Water Cooling

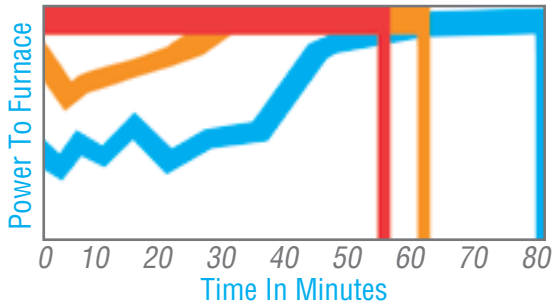
- Standard VIP units are configured for connection to new or existing external de-ionized (DI) water cooling systems or to available DI water cooling modules that can be attached to the ends of the units for ease of maintenance access

Door-within-a-door Design

- Door-within-a-door protects control circuitry from higher voltage areas while circulating air keeps compartment clean and cool, dramatically increasing circuit board life

- Advanced rugged, semiconductors are designed with a 100% safety factor to ensure long service life
- Built-in protection from damage caused by electrical shorts
- Primary or secondary furnace-isolation systems provide double protection with an isolation transformer and ground leak detector system
- Air-cooled, husky copper bus bars, in comparison to water-cooled copper tubing, put power into the melt, not in the water system
- A network of capacitor protection systems eliminates costly down-time
- An ultra-fast-acting AC Interrupter and an Over-Voltage Protection Circuit provide the ultimate system protection. Smaller units are protected by a current limiting reactor and high-speed circuit breaker

Maximum Rating

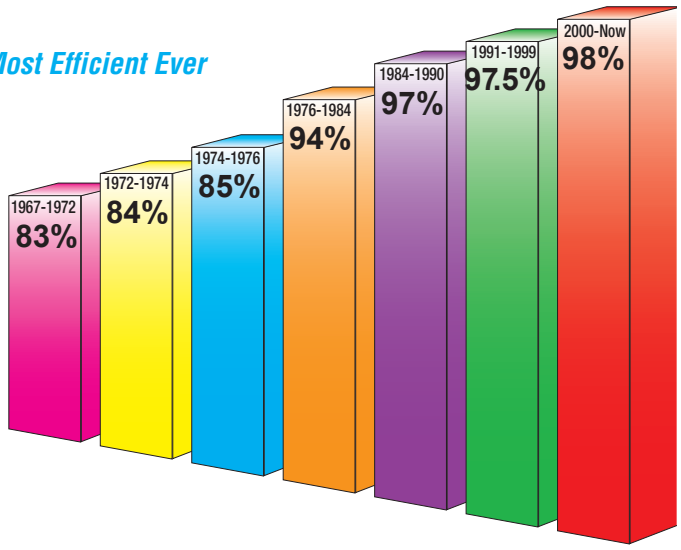


VIP Power-Trak:
Continuous full power for the fastest melting time

Earlier VIP Units:
Some power drop during cold charge phase

Other Systems:
Lower initial power results in long melting times

Most Efficient Ever



MULTIPLE-OUTPUT POWER SUPPLIES

Power two or more furnaces simultaneously for greater production with Inductotherm's VIP® multiple-output induction power supply systems.

VIP Multiple Output Induction Power Supplies

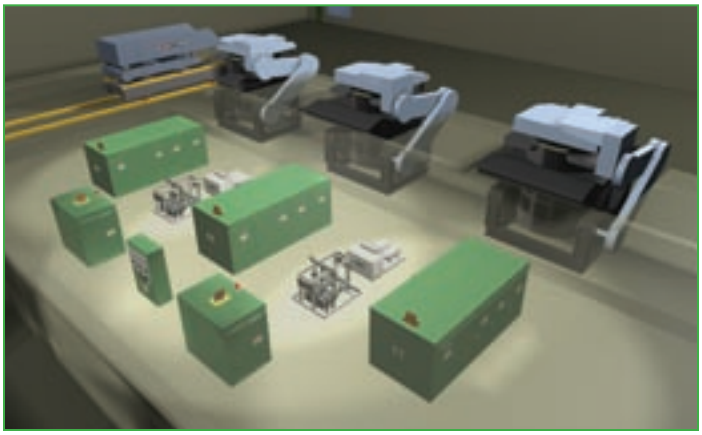
Inductotherm's VIP Dual-Trak® and Multi-Trak® induction power supplies are able to run several furnaces simultaneously using two or more individually controlled power outputs. In a batch melting operation this can increase metal production tremendously at the same power rating compared to a single-output power unit. These systems are available from 250kW to 25,000 kW.

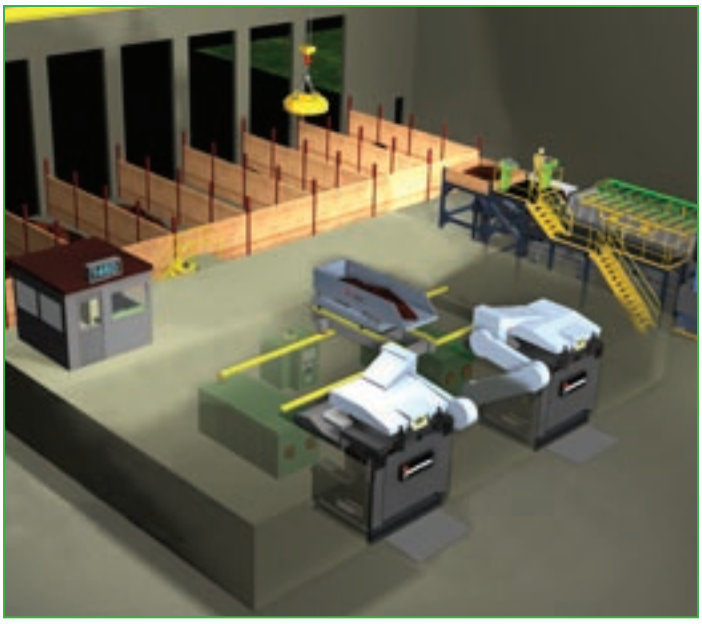
Multiple-output units can be configured to provide the high levels of metal production previously associated with large arc furnaces and high capacity cupola melters while offering higher metal quality and superior operational flexibility with lower operating cost.

Inductotherm also offers Dual-Melt® and Multi-Melt induction power supplies for heel melting and for holding applications.

VIP Multiple-Output Induction Power Supplies Offer Significant Advantages:

- A single power unit with the batch production capacity of multiple units
- Uninterrupted melting and precise temperature control for holding or superheating





- Simultaneously preheat, sinter, melt and/or hold in multiple furnaces
- Increased alloy flexibility
- Equipment power utilization levels approaching 100%
- Increase metal production without increasing power demand levels
- Minimum investment for each MT of metal being poured
- Separate sets of controls for each furnace
- The ability to efficiently match production to varying levels of metal demand
- Just one set of power and water connections needed, greatly reducing installation, operation and maintenance costs
- The ability to direct full rated power to one furnace while fully isolating another during maintenance

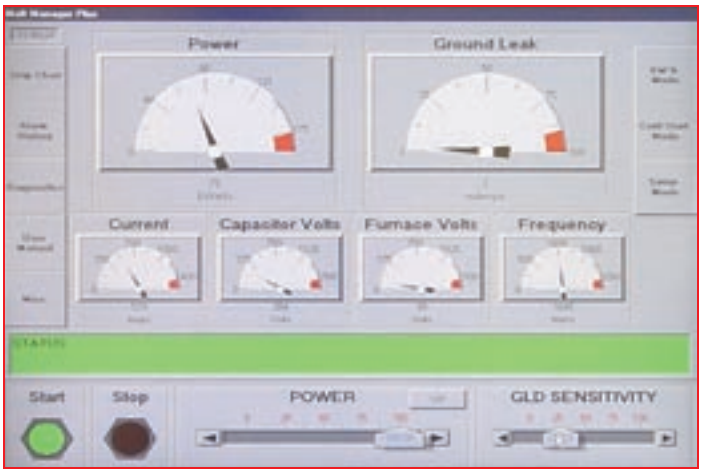
CONTROL SYSTEMS

Take control with our automated melting control systems that monitor & control the melt, diagnose faults, maximize power usage, minimize power charges & perform a variety of tasks to provide more control for complete melt shop control.

Melt-Manager® Plus™ Control Systems

Melt-Manager Plus is a technologically advanced built-in computer control system for single- and multiple-output VIP® power supplies that assists the furnace operator in performing key functions using a modern and familiar operating system. Melt-Manager Plus provides the operator with:

- An easy to use Windows® based, full color, touch sensitive, flat panel screen for both display and control input that can be located on the VIP unit's control panel and/or on a separate remote control panel
- Built-in computer intelligence that helps the operator optimize efficient power use through precise control of the melting cycle during charging, melting and superheating, reduces power-wasting temperature overshoots and enhances safety. With furnace load cells, Melt-Manager Plus can directly capture charge weight information
- Furnace preheating to turn on your melting system at a preset time and power level designed to preheat your furnace lining
- Automated control of the sintering cycle as proper sintering is key to a safe furnace lining and long lining life

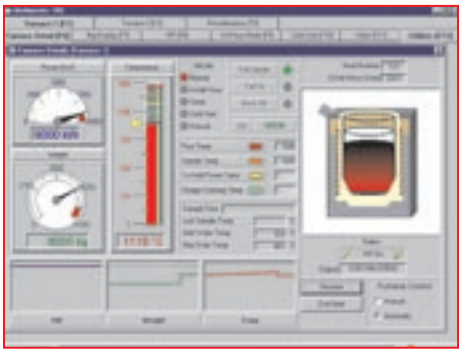


- Virtually unlimited alarm history and operational data storage
- Automated collection of key operational data that can be displayed/exported for use in external management programs
- Remote data acquisition and network support through local or standard Internet connections
- A wide range of languages is available

MELTMINDER® 200 Control Systems

Meltminder 200 operates on a stand-alone computer and can assist the furnace operator in controlling one or multiple furnaces. It is designed to be flexible, compatible and expandable for foundries of all sizes. Meltminder 200 provides:

- Monitoring and control of sintering, furnace preheating, charging, melting and holding for as many as four furnaces



- A variety of useful standard and custom operational reports that can be exported to external management programs
- An operator interface that is quick to learn and easy to use and can be configured for a wide range of languages
- The ability to be fully configured to each foundry's equipment and operations and to be linked to a wide variety of other tools, including remote displays, temperature measurement devices, thermal analyzers, spectrometers, demand controllers and scoreboard readouts
- The MELTMINDER 200 control system is available for channel furnace melting and holding as well

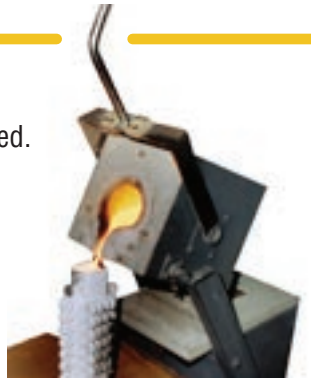
For channel furnace systems, Meltminder 200:

- Assists the operator in controlling the power to the holding furnace to maintain a precise pour temperature
- Displays system operational parameters for close control of energy costs
- Monitors inductor parameters and lets operator predict wear/buildup factors to minimize maintenance and downtime expense

CORELESS FURNACES

Inductotherm's coreless induction furnaces offer superior performance & outstanding durability for all your melt shop needs regardless of the size of your foundry. We offer a variety of smaller induction furnaces to meet the demanding

Mini-Melt® Furnaces – Capacities from 2.5 kg to 25 kg



Mini-Melt furnaces are ideal for use in prototype casting, small run casting, precious metal refining and casting, laboratory operations and wherever relatively small amounts of molten metal are needed.

- Has a strong, durable construction for long furnace life
- Operates at frequencies from 3,000 to 10,000 Hz with maximum power utilization
- Two direct-pouring styles: two-man shank and trunnion tilt
- No need for ladles or other metal transfer devices

Rollover Furnaces – Capacities from 2.5 kg to 50 kg

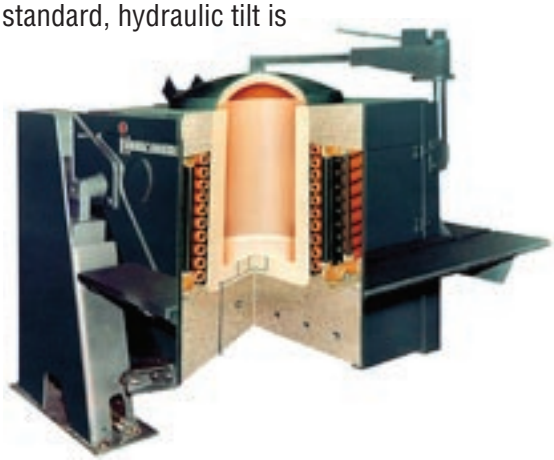
Rollover furnaces typically are used in investment casting applications where precise and repeatable pours are important.

- Precision melting and pouring with high frequency induction power for high quality, high alloy investment castings
- No ladle or hot metal transfer
- Fast mold filling (As quick as ½ second)
- Inert atmosphere melt covers available
- Hydraulic rollover at adjustable speeds
- Hydraulic operated mold clamp with precise pressure adjustment
- Consistent pouring - mold after mold
- Mold pressurized during pour cycle available

Dura-Line® Furnaces – Capacities from 25 kg to 3 MT

Dura-Line furnaces offer high operational efficiencies with a wide choice of capacities in a budget-friendly package.

- High-strength, reinforced refractory top and bottom sections supported by cast alloy structures for firm coil support
- Maximum efficiency is provided by the free magnetic path within the furnace
- Easy, all-around access and free-breathing coil simplifies maintenance
- Rear or side exit leads are available
- Hoist tilt is standard, hydraulic tilt is available



requirements of investment casters, specialty foundries & the precious metals industry, as well as medium sized induction furnaces designed to give foundries another choice in small- to medium-sized applications, all the way up to our heavy steel shell furnace for the largest foundries.

Small Steel Shell Furnace – Capacities from 25 kg to 3 MT

Small Steel Shell furnaces offer high operational efficiencies with a wide choice of capacities in an economical package.

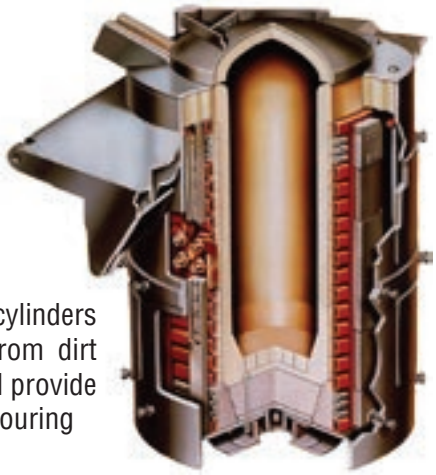
- The inherent "hoop" strength and rigidity of a full steel shell structure
- Proven "free breathing" coil design using heavy section oxygen free high conductivity copper tube for maximum power efficiency

- Cast ceramic mix tops and bottoms with high magnetic permeability reinforcement
- Full shunt coverage which, together with the steel shell, reduces EMF emissions to less than 1 Gauss at 1 meter (1000 Hz)
- Maximum coil support minimizes refractory stress for long lining life
- Side entry power lead connection for reduced wear on power leads

Heavy Steel Shell Furnaces – Capacities to 100 MT

Leading foundries around the world rely on Inductotherm Heavy Steel Shell induction furnaces. These furnaces combine superior power handling capabilities with the hoop strength and rigidity imparted by the furnaces' heavy rolled steel structure. Heavy Steel Shell furnaces feature:

- Heavy-wall, water-cooled, extended copper induction coil to maximize power efficiency
- Heavy steel shell to provide maximum furnace rigidity and strength for long lining life, low furnace noise and minimal EMF emissions
- Stainless steel cooling sections at top and bottom of the power coil to provide uniform temperature gradients that extend refractory life
- Hydraulic tilting cylinders that are shrouded from dirt and metal splash and provide smooth, controlled pouring



- Water-cooled leads that are protected from damage and permit hold power-on pouring to maintain metal temperature
- Tight-fitting, hydraulic lift-swing cover minimizes heat loss
- Wide-bodied furnace configurations are available to provide an expanded crucible opening and reduced furnace height
- Furnace load cells are available to provide accurate charge weight to simplify charge calculations

CRUCIBLE FURNACES

Inductotherm crucible melting furnaces are quick & efficient nonferrous melters with high frequency induction power. For greater flexibility when changing alloys, Inductotherm offers several removable crucible furnaces.

Acutrak® Direct Electric Heat Furnaces

The Acutrak furnace provides faster, cleaner and the most efficient, melting and holding for aluminum and aluminum alloys.

- Low energy losses allow furnace to be air-cooled, eliminating the need for a water cooling system
- The holding energy cost is just pennies per hour
- High power density of 150 kW/T assures quick melting
- Clean induction technology means no fuel burners
- Metal purity is high and metal loss is low
- Metal is heated evenly and to exact temperatures with minimal overshoot
- A large diameter crucible opening makes ladling and charging easy
- Rugged construction assures high reliability and there are no fragile electrical resistance elements

Single/Double Push-Out Furnaces

Single/double push-out induction furnaces provide nonferrous and precious metal casters with clean, compact and highly productive crucible melting systems.

- Tapered coils improve energy transfer and heat evenly to extend crucible life
- In double push-out furnaces, power is switched from coil-to-coil in seconds; enhancing productivity
- Hydraulic cylinders raise crucibles with minimal pressure
- Refractory overflow receptacles are designed to contain spills for added safety and ease of maintenance

Lift-Swing Furnaces

Lift-Swing induction furnaces offer nonferrous and precious metal casters an easily installed, highly productive crucible melting system.

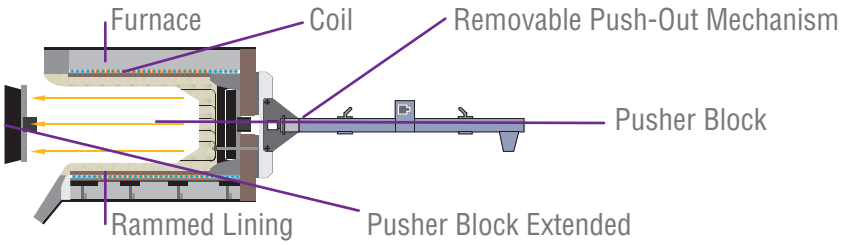
- No pit needed; furnace installs right on the foundry floor
- Induction coil assembly moves easily between crucibles
- Machined slots guide coil assembly movement to exact positions for easy, accurate transfer
- A rugged aluminum shell protects the refractory and coil and a specially designed base contains spills

KEY OPTIONS FOR INDUCTION FURNACES

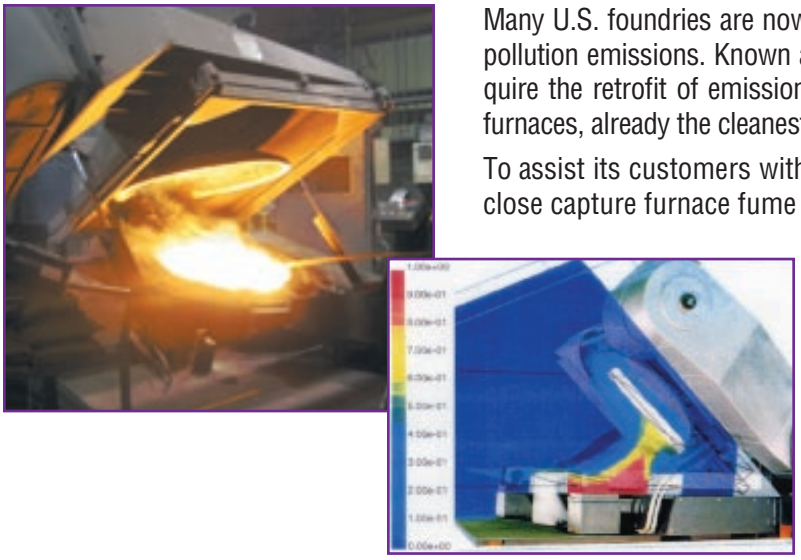
Inductotherm offers a wide variety of useful options & expanded capabilities for operation and maintenance to make a cleaner, safer and more productive workplace.

Lining Push-Out Systems for Furnaces

- Greatly reduces the labor and time required for periodic refractory lining changes
- Uses a large, movable plug to push out the entire lining in minutes for easy disposal
- Increase profitability and productivity
- Improves working conditions
- Reduces exposure of foundry personnel to refractory dusting



Fume Capturing Furnace Covers for Steel Shell Furnaces



Many U.S. foundries are now preparing for new and more restrictive EPA limits on air pollution emissions. Known as MACT* standards, these proposed regulations may require the retrofit of emission controls on many foundry systems, including induction furnaces, already the cleanest way to melt metal.

To assist its customers with MACT compliance, Inductotherm offers a full range of close capture furnace fume covers that are designed to:

- Effectively and efficiently collect smoke, dust and other airborne pollutants during all phases of furnace operation including: charging, melting, slagging, treating and automated lining removal
- Be retrofitted to virtually all Inductotherm coreless induction furnaces, large and small, new and existing

* *Maximum Achievable Control Technology*

Tilt Options for Easier Slagging & Precision Pouring

Back slagging as shown in the photo simplifies slagging by eliminating the need to lift heavy slag from the melt or drag it through the pouring spout. The back slagging feature permits the furnace to tilt at a 33˚ angle towards the rear. Tilting the furnace provides sufficient space above the deck for a portable hopper and makes it easy for the slag to be pulled through the rear spout into the hopper.

Back tilting is offered where approximately 12˚ back tilt angle is achieved for slag removal utilizing a lower cost tilt frame with extended cylinder construction.

Nose tilting shifts the furnace rotation point forward increasing the pouring accuracy used where small pours or a controlled pour stream is required. Pre-tilt and/or trunnion pour options for a Steel Shell furnace line utilize custom tilting arrangements for special precision pouring needs.

HOLDING SYSTEMS

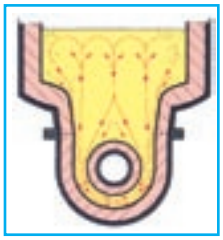
Inductotherm offers two types of advanced holding systems to ensure you get the system that's right for your foundry. Both choices offer true volume flexibility for continuous & batch duplexing for all metals.

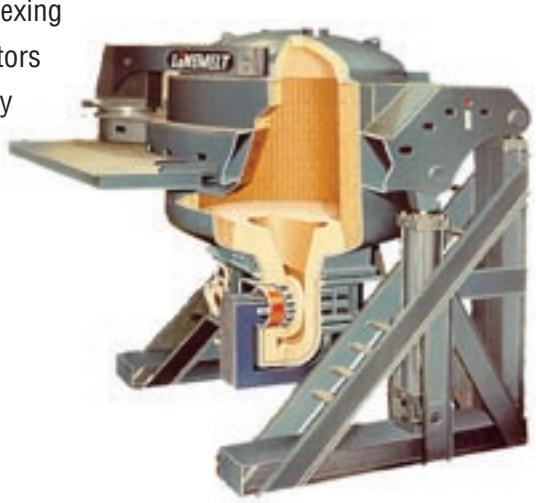
Channel Furnaces – Capacities to 150 MT

Channel furnaces maintain a continuous supply of metal ready to pour twenty-four hours a day, seven days a week. They offer:

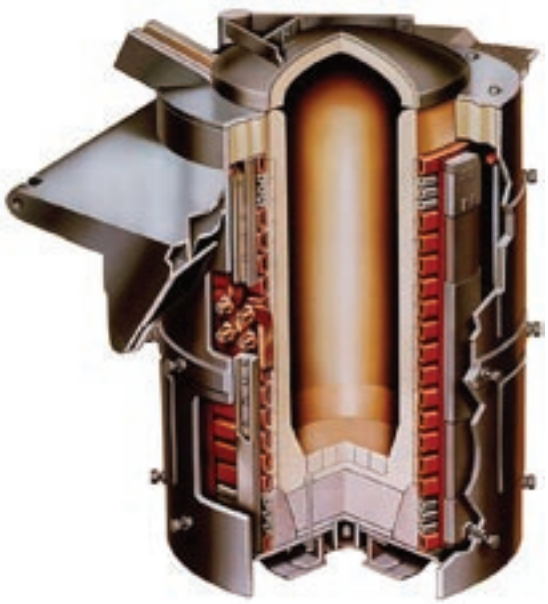
- Solid state VIP® power supplies providing electrical efficiency levels of up to 98%

- A full 80% of the vessel capacity can be used, maximizing the volume available for either continuous or batch duplexing
- Quiet, efficient water-cooled inductors
- Significant increases in productivity
- Exclusive Dynamotion™ Inductor System's superior fluid dynamics achieve the longest inductor life in the industry and produce a more uniform temperature throughout the metal batch





MINI-HEEL™ Furnaces – Capacities to 100 MT



Inductotherm coreless Mini-Heel furnaces maintain a continuous supply of metal ready to pour twenty-four hours a day, seven days a week. They offer:

- Patented Mini-Heel extended coil system combined with advanced VIP inverter technology to efficiently maintain furnace holding power and precise temperature control with as little as a 10% molten heel, providing a full 90% of metal volume for operational use
- Can be emptied completely to handle alloy changes on short notice and do not require energy-wasting off-shift holding
- Allow increased throughput
- Reduce job turnaround time
- Offer rugged construction and a quality-built steel shell to withstand the most severe melt-shop environments
- Available with all the Heavy Steel Shell furnace options

AUTOMATIC POURING

Our automatic pouring systems are designed for maximum productivity and are able to provide the high level of pouring accuracy required to eliminate quality robbing under pours & metal wasting over pours.

Heated Pressure Pouring Systems – Capacities from 1.8 to 25 MT

Heated Pressure Pouring Systems are typically used for high production shops where minimal alloy changes are made. They are suitable for gray, malleable and ductile iron and copper-based nonferrous metals. Advantages include:

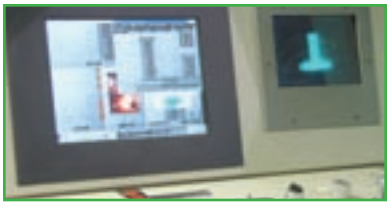
- Vessel design that delivers clean metal drawn from the bottom of the bath
- Inert furnace atmospheres that enhance the "clean metal" capabilities
- Metal storage provides uninterrupted pouring during lags in metal delivery
- Continuous temperature control fine tunes the pouring process
- Hydraulic tilting of the furnace simplifies maintenance and alloy changes
- Lining is designed to minimize thermal losses and slag adhesion
- Fine furnace pressure control enables multiple selections in pouring control
- Stopper-rod pouring control or pressure pouring control systems available
- X-Y axis motion is available for pouring different sprue/pouring basin locations

Unheated Tundish Pouring System – Capacities from 1 to 3 MT

Unheated Tundish Pouring Systems are designed for foundries with a semi-continuous supply of metal and where alloy flexibility is a must. They are suitable for gray, malleable and ductile iron. Advantages include:

- Bottom pour stopper rod pouring to deliver clean metal from under the slag
- Efficiency of refractory lining system design to reduce metal temperature loss
- Pneumatic charging cover that simplifies metal delivery and slagging practices while reducing temperature drop
- Hydraulic tilting to facilitate alloy changes and lining maintenance
- X-Y axis motion is available for pouring different sprue/pouring basin locations
- Available with a variety of stopper-rod pouring control arrangements

Control Systems For Automatic Pouring



The key to successful automatic pouring is using the best control system for your application. Inductotherm offers a variety of computerized control systems ranging from joystick-based operator-run systems to the industry's most advanced and reliable vision-based system to provide the best way to keep pace with today's fastest molding machines.

MATERIAL HANDLING

We offer automated charging systems as well as drying & preheating systems designed to enhance safety, increase energy efficiency & achieve higher productivity to help you keep pace with the rapid melt rates of today's furnaces.

Material Handling & Charging Systems

Inductotherm manufactures a broad range of automated charging systems for both ferrous and nonferrous melt shops. These systems include charge buckets, belt conveyors and vibratory pivoting, indexing, traversing and stationary holding conveyors. Inductotherm also offers automated batch make-up and delivery systems for alloying materials.

Manual charging operations are slow, labor intensive and dangerous. That's why foundries are turning to remotely controlled mechanized material handling systems to get charge material from storage areas to the furnaces quickly and efficiently.

Inductotherm's material handling equipment and furnace charging systems also serve to enhance safety by allowing melt deck workers to be away from the furnace or behind protective barriers during charging.

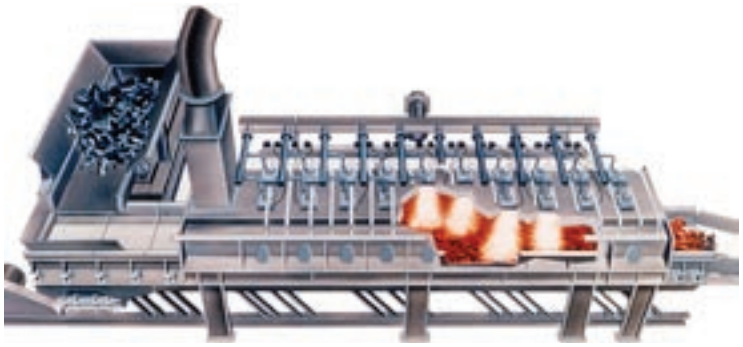
Drying & Preheating Systems

Dryers improve safety by reducing surface moisture on charge materials, reducing the risk of a water/molten metal explosion in the furnace. Charge preheaters can reduce energy costs by more than 10% compared to direct cold charging. Both charge dryers and preheaters offer:

- High velocity reducing flame burners with automatic ignition temperature at all settings, eliminating flameouts and minimizing charge oxidation
- Air manifolds that maintain a precise fuel/air mixture for maximum fuel economy
- Temperature control to reduce gas input as the temperature differential between flame and charge material decreases, maximizing energy efficiency
- A one-person control station for monitoring the complete system from charge makeup to furnace-ready charge
- A rugged flow-feed conveyor that disperses charge in even layers to assure rapid, thorough heating

Preheaters also offer:

- The ability to raise the charge to uniform temperatures in six minutes, providing the energy necessary to increase furnace output while reducing energy costs by more than 10%
- Stronger flames that are better able to remove a high percentage of dirt, grease and other impurities from scrap, significantly improving metal quality



COOLING SYSTEMS

With more induction melting systems operating worldwide than any other manufacturer, Inductotherm's furnace & power supply cooling systems are proven to be suitable for virtually every climate type & temperature extreme.

Water Systems with Dry Air Coolers

- Closed-loop water recirculating systems cut both operating and maintenance costs
- Easy to install and maintain, the system consists primarily of a pump, hydronics tank, deionizer and an outdoor mounted water to air heat exchanger
- Zero water discharge; no water usage; complete closed pressurized circuit
- To serve two or more VIP units, a larger pump and the hydronics components are supplied as a separate unit

Closed-Circuit Water Systems with Industrial Coolers

- A single system that can be sized to cool multiple units when necessary
- Fully assembled and tested indoor pumping module includes an expansion tank, air separator, pump(s) and instrumentation
- Works in conjunction with an outdoor, closed circuit evaporative industrial cooler
- Individual temperature flow indicators and alarms for every major water circuit ensure foolproof operation and simplify troubleshooting

Dual-Loop Water Systems

- For larger induction installations, these cooling systems have separate loops for furnaces and VIP power supplies utilizing a variety of heat exchanger configurations

Open Evaporative Cooling Systems

- These open evaporative cooling systems are designed for simple operation and maintenance
- Typically a water to water heat exchanger is used for heat transfer between cooling tower and furnace/power supply

VACUUM SYSTEMS

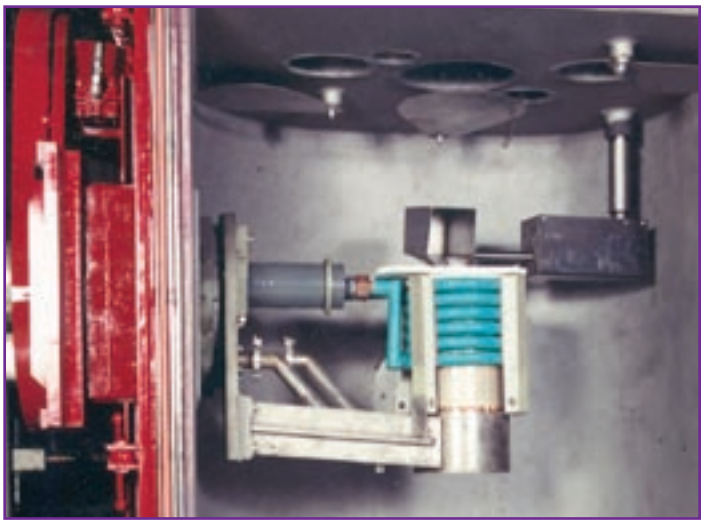
The creation & casting of super alloys & other advanced & reactive metals requires sophisticated vacuum or controlled atmosphere melting & remelting systems.

Melting Systems For The World's Leading Vacuum System Manufacturers

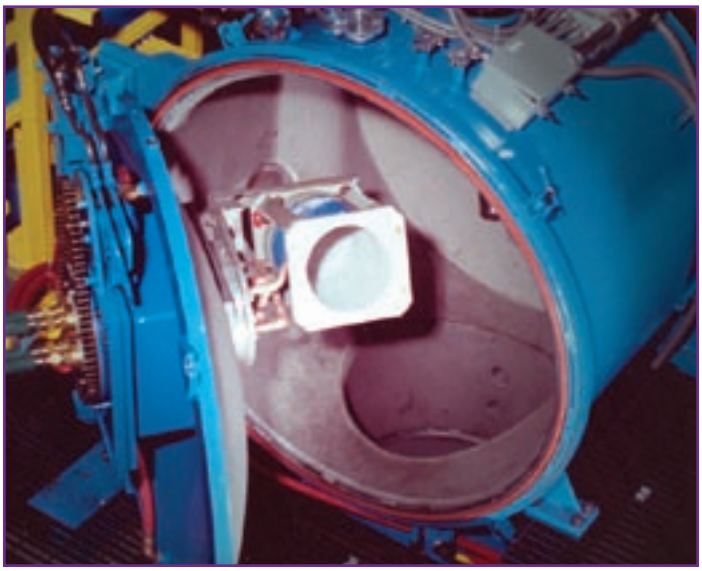
Inductotherm is the principal supplier of induction furnaces and power supplies for the world's leading vacuum system manufacturers and precision investment casters.

Furnaces range from small vacuum furnaces with capacities measured in grams to giant vacuum furnaces with capacities of 60 MT.

- Inductotherm vacuum furnaces are designed specifically for operation in high vacuum environments and include vacuum-adapted construction methods and the industry's most advanced coil and connector dielectric insulation technologies and procedures



- Inductotherm builds power supplies designed for induction high resistance load melting applications for reactive alloys
- For the production of directional solidification investment castings and single crystal investment castings, Inductotherm manufactures Dual-Switch®, Tri-Switch® and Multi-Switch™ induction power supplies and zoned power coils able to precisely control the heating applied to specific sections of the hot zone

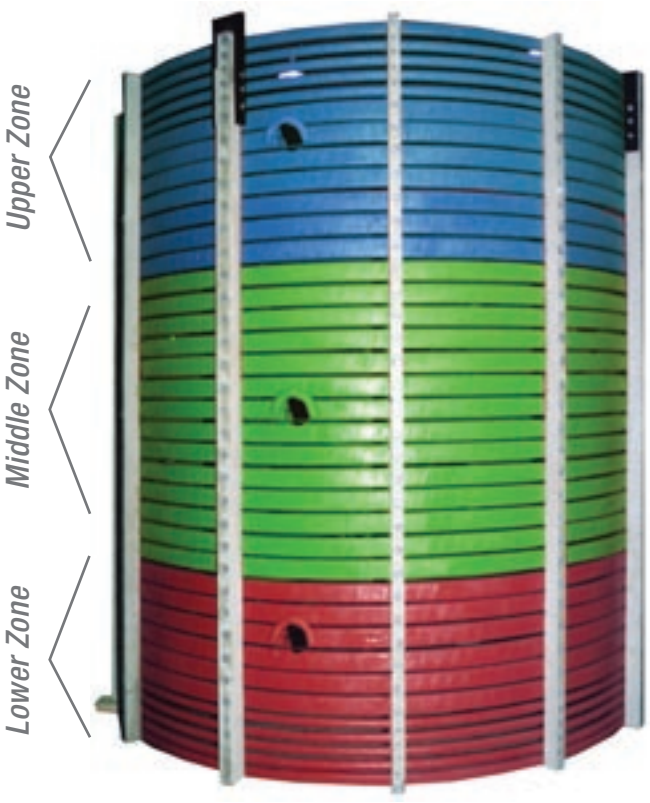


- VIP® induction power supplies as large as 6,000 kW have been built specifically for vacuum melting applications. Two- or three-phase unidirectional stirring for precise chemistry and temperature consistency are available

INDUCTION HEATING

Inductotherm also builds most of the world's zoned induction heating coils & multiple output power supplies used in the manufacturing of ultra high temperature advanced materials such as carbon carbon.

Induction Heating For Advanced Materials Processing From Metal & Chemical Vapor Deposition to Carbon-Carbon Manufacturing



Inductotherm is not only the world leader in melting metal, we also are the leading manufacturer of induction heating systems for a variety of metal and chemical vapor deposition and carbon-based material heating processes. Our power supplies and highly specialized heating coils are widely used for:

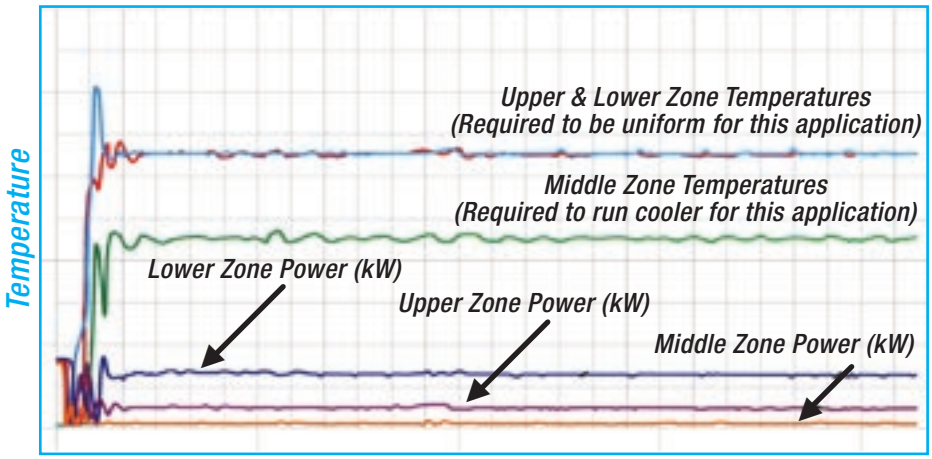
- Heating metals, gas pressure lines and atomizing nozzles used in metal vapor deposition (MVD) processes
- Graphite heating processes used in chemical vapor deposition (CVD) and impregnation (CVI) in the manufacture of carbon-based composite materials
- Ultra-high temperature (up to 3000˚C) for the processing of carbon-carbon materials

In graphite heating, maintaining the desired temperature profile within the susceptor is absolutely critical in order to achieve maximum productivity. Precise power input to each zone of the susceptor is achieved by varying either or both the overall power level and the amount of time power is switched to a particular zone of the coil during each power distribution cycle of the system.

For example, in this particular application, a three zone system, upper and lower zone temperatures are required to be uniform while the middle zone temperature needs to run cooler than the end zones.

The heating program calls for time and power to be switched to the individual zones of the coil in proportion to the amount of heating needed to maintain the precise temperatures required in each zone of the susceptor.

Multi-Switch™ Three Zone Temperature Control Heat Run



ARMS™ SYSTEM

Inductotherm offers the industry an ARMS™ (Automated Robotic Melt Shop) System that relocates the furnace operator away from the deck with the help of a foundry robot. This system can be configured for any size foundry.

ARMS™ (Automated Robotic Melt Shop) System

Inductotherm has introduced an innovative ARMS™ (Automated Robotic Melt Shop) System that replaces the furnace operator on the open melt deck with a foundry robot that has integrated charging, slag removal, tool handling and remote viewing systems. The robot performs the required but hazardous operations that would otherwise be handled directly by the furnace operator which include:

- Checking of the metal bath grounding
- Dipping the thermocouple lance
- Adding coagulant and slagging the furnace
- Taking metal samples for chill cup, chill wedge and spectrometer coupon disk and pin
- Adding required trim materials

This allows the furnace operator to run the melt shop operations from the control room and away from the dangerous areas close to the furnace, significantly improving worker safety. Other benefits include reduced operating costs, improved worker recruitment and retention results as well as the efficiencies that come from automated operations.

Robotic systems are available with lifting capacities from 30 kg to 500 kg, allowing them to be configured for furnaces from 35 kg to 20 MT and larger.

From his post in the control room, the furnace operator remotely controls the movement of the furnace, furnace cover, charge car and slag cart and initiates the preprogrammed operations of the robot. Multiple closed circuit video cameras capture operations on the melt deck and display the images on monitors located inside the control room.

For more information, call 1.888.INDUCTO [1.888.463.8286] or visit www.inductotherm.com

INDUCTOTHERM GROUP

Leading Manufacturers of Melting, Thermal Processing & Production Systems for the Metals & Materials Industry Worldwide.

Important: Appropriate Personal Protective Equipment (PPE) must be worn by anyone in proximity to molten metal.