

# Quick-Trak™ 10 kW & 15 kW Induction Melting System



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## Ultra-Compact Melting System with Integral Crucible Furnace Designed for Melting Almost Anywhere

To meet the need for a compact and economical induction power supply and furnace able to melt small amounts of nonferrous and precious metals, Inductotherm has introduced the Quick-Trak system.

Offered in 10 kW and 15 kW power configurations, this quiet and efficient induction power unit is available with an integral single crucible furnace. The 10 kW Quick-Trak melting system can handle crucibles up to 4 kg in size and the 15 kW system can melt in crucibles up to size 6 kg. Both systems use IGBT technology.

### Use It Virtually Anywhere

Unlike fuel-fired systems that may not be practical or permitted in non-industrial environments, Quick-Trak systems may be used to melt metal just about anywhere: in jewelry design and manufacturing studios, in labs, in light manufacturing facilities and even in office suites with proper ventilation. That's because it is clean, efficient, compact, easy to operate and virtually silent.

Cooling requirements are minimal and can be met via a connection to an available water and drain line or with an optional, stand-alone, compact cooling unit.

### Consider the Quick-Trak Advantage

- Fast and economical induction melting
- Clean and virtually silent operation
- Go anywhere compact design
- Simple and easy-to-use controls
- Integral crucible furnace
- Alloy and metal capacity flexibility
- Minimized metal loss
- Reliable solid-state construction
- Designed for 100% duty cycle
- IGBT Technology
- 24/7 local support



Quick-Trak system with  
integral crucible furnace

### Quick Induction Melting

Karat gold will have a similar melt rate to silver, and pure gold will melt about twice as quickly. The melt rate for nonferrous metals will vary by alloy.

### Reduced Metal Loss

The Quick-Trak system offers the wide range of advantages often associated with clean induction melting, including significantly reduced metal losses when compared to gas-fired melt systems. This is particularly important for precious metal melters.

# Quick-Trak™ 10 kW & 15 kW Induction Melting System



## Quick-Trak Melting System

		Quick-Trak 10		Quick-Trak 15	
<b>Output Parameters</b>					
Output Power	Maximum	10 kW		15 kW	
Output Frequency		30 kHz		30 kHz	
<b>Input Parameters</b>					
Input Line Voltage (3 phase)	Range	220 V - 480 V		220 V - 480 V	
Input Line Current @460 V	Maximum	15 A		22.5 A	
KVA	Maximum	13 KVA		19.5 KVA	
Power Factor	Nominal	.95		.95	
<b>Cooling</b>					
Inlet Temperature	Maximum	35°C	95°F	35°C	95°F
Flow	Nominal	15 LPM	4 GPM	22 LPM	6 GPM
Inlet Pressure	Minimum	2 bar	30 psi	2 bar	30 psi
<b>Mechanical Details</b>					
Height	Nominal	973.5 mm	38 in	973.5 mm	38 in
Width	Nominal	525 mm	21 in	525 mm	21 in
Depth	Nominal	450 mm	17¾ in	450 mm	17¾ in
Weight	Power supply only	75 kg	165 lbs	75 kg	165 lbs
Crucible Size		4 kg		6 kg	
At 70% Full		2.8 kg		4.2 kg	
Crucible Type		Clay-Graphite		Clay-Graphite	
		Graphite		Graphite	

*An optional cooling unit allows the Quick-Trak system to operate without a connection to city water and drainage. This provides greater flexibility in unit placement and reduces water consumption.*

We provide local support! For more information, call 1.888.INDUCTO [1.888.463.8286] or visit [www.inductotherm.com](http://www.inductotherm.com)  
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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.

