

Get the results you need in your heating process...



...power to 10kW
...operation from 150kHz to 400kHz

World-class Induction Heating Systems

Compact & Light

- Smallest feature-rich 10kW model

Versatile

- efficient heating of many geometries
- repeatable, reliable heating with agile frequency tuning
- movable work head; up to 3m (10')
- remote serial operation or logging (optional)
- 5-language display suite
- improved through-Curie heating
- field-calibration capable

Easy to Use

- self-adjusting for accurate, repeatable results
- view setpoint, output, frequency & timer
- built-in timer, stop-watch
- push-button RF power control



EASYHEAT is CE marked and manufactured at our ISO 9001:2008 certified facility

EASYHEAT LI induction heating systems provide a reliable, compact solution for heating your parts with a quick, clean source of heat, ideal for repeatable, non-contact heating of your parts. The movable work head can be located up to 6m (20') from the power supply (3m standard).

Equipped to operate over a broad frequency range (150-400kHz), EASYHEAT LI is ideal for heating parts of many geometries and compositions with excellent heating control within 50W resolution.

Agile tuning supports single-cycle and continuous heating operations without time-consuming

changeovers. One system can supply deep, bulk heating for brazing and soldering or more shallow, concentrated heating for case-hardening or for smaller parts. Flameless, non-contact heating minimizes energy waste by focusing energy only on the zone to be heated.

Power level is selected and monitored from the convenient front panel LCD and sealed touchpad. Remote power control is available, employing contact inputs, analog inputs or optional serial data port. The length of the heating cycle is easily controlled with a built-in programmable digital timer.

EASYHEAT LI is a water-cooled system, requiring connection to a heat exchanger or other mechanism for dissipating heat.

Available in bench-top and rack-mount models, the EASYHEAT LI is a truly portable heat source for soldering, brazing, bonding, curing, catheter tipping, melting precious metals and many other applications.



EASYHEAT features a front panel programmable controller allowing you to define up to 4 different heating profiles, each with up to 5 time/power steps.

Options and Accessories

- ✓ Heat exchanger or chiller
- ✓ Optical pyrometer (closed-loop temperature control)
- ✓ External controller (PLC)
- ✓ Footswitch
- ✓ Serial data interface
- ✓ Pendant station
- ✓ Extended work head cable length:
- ✓ Start-up assistance

Model	3542	5060	7590	8310	units
RF Terminal Power	4.2	6	9	10	kW
AC Line Power	5.2	7.4	11.2	12.4	kVA
AC Line Protection ¹	[25] 15	[30] 15	[35] 25	[35] 25	A
AC Line Voltage ^{1,2}	[187-230 or 230-264]			370 – 440 or 440 - 520	Vac, 3∅
Frequency	150 - 400				kHz
RF Coil Current	750				A max
Front Panel Display	2 line x 16 character LCD; displays frequency, power, setpoint, timer & fault descriptions				
Display Languages	EN IT ES DE FR				
Serial Communications	via RS485 terminal mode				optional
Timer	Built in; 10ms to 10,000 seconds				
Heating Controller	4 programmable profiles, 5 steps per profile				
RF Rise Time	<5				ms
Tune Time	<5				ms
Compliance	CE marked, 440 models only				
Max Ambient Temp	45 (115)				°C(°F)
Shipping Weight ³	22.7 (50)				kg (lb)
Unit Weight	16.3 (36)				
Dimensions	bench: 432x682x175 (17x27x7) 4U			rack: 483x646x177 (19x25x7) 4U	WxDxH mm (in)
Water Cooling (Sys ³)	4.2kW	6kW	9kW	10kW	units
Flow	3.8 (1.0)	5.7 (1.5)			l/m (g/m)
Pressure Differential	2.8 – 5.5 (40 – 80)				bar (psi)
Max Water Temp	35 (95)				°C(°F)

1) Line Levels: [230V] or 440V

2) Level determined by model; range factory set per order; field selectable

3) System includes work head



114x292x146(4.5x11.5x5.75)	WxDxH mm (in)
5 (11)	kg (lb)

shown with sample coil

