

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

EASYHEAT

...power from 1.2kW to 2.4kW
...operation from 150kHz to 400kHz

 2.4
1.2
kW
150-400 kHz

World-class Induction Heating Systems

Compact & Light

- Smallest feature-rich 2.4kW 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)
- two 3-language display suites
- 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 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 3m (10') from the power supply

EASYHEAT is CE marked and manufactured at our ISO 9001:2008 certified facility. Both models available in bench- or rack-mount


 180
kW
50-150kHz
135
90
65
kW
50-150 kHz
45
30
kW
50-150 kHz
15
10
kW
50-150kHz
300
200
kW
15-45 kHz
150
100
75
kW
15-45 kHz
50
35
kW
15-45 kHz
250
125
100
75
kW
5-35 kHz
50
35
kW
5-35 kHz

Equipped to operate over a broad frequency range (150-400 kHz), EASYHEAT is ideal for heating parts of many geometries and compositions with excellent power control within 25W resolution.

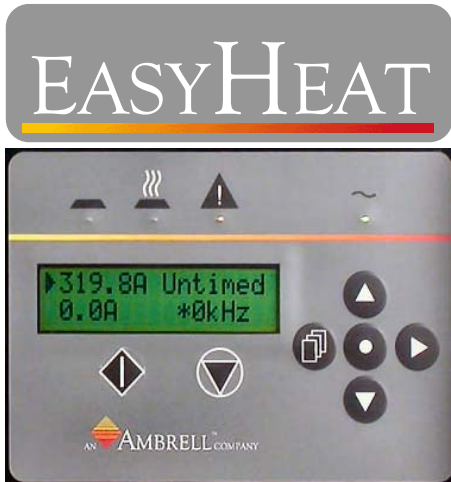
Agile tuning supports single-cycle and continuous heating operations without time-consuming changeovers. One system can supply deep, bulk heating for brazing and soldering or more shallow, concentrated heating for case-hardening or for smaller

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 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 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.

Model	0112	0224	units
RF Terminal Power	1.2	2.4	kW
AC Line Power	1.6	3.3	kVA
AC Line Protection	15	15	A
Frequency	150 - 400		kHz
RF Coil Current	300 -400		A max
AC Line Voltage	117 or 220	220	Vac ±10%, 1Ø
Front Panel Display	2 line x 16 character LCD; displays frequency, power, setpoint, timer & fault descriptions		
Display Language Suite ¹	EN IT ES (default) or EN 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		
Max Ambient Temp	45 (115)		°C(°F)
Shipping Weight (Sys ²)	17.2 (38)		kg (lb)
Unit Weight	12.7 (28)		
Dimensions	rack 483x400x133 (19x15.7x5.3) 3U		WxDxH mm(in)
	bench 436x398x129 (17.2x15.7x5.1) 3U		
Water Cooling (Sys ²)	0112	0224	units
Flow	1.5 (0.4)	2.8 (0.75)	l/m (g/m)
Pressure Differential	2.8 - 5.5 (40 - 80)		bar (psi)
Max Water Temp	35 (95)		°C(°F)

1) factory set
2) System includes work head

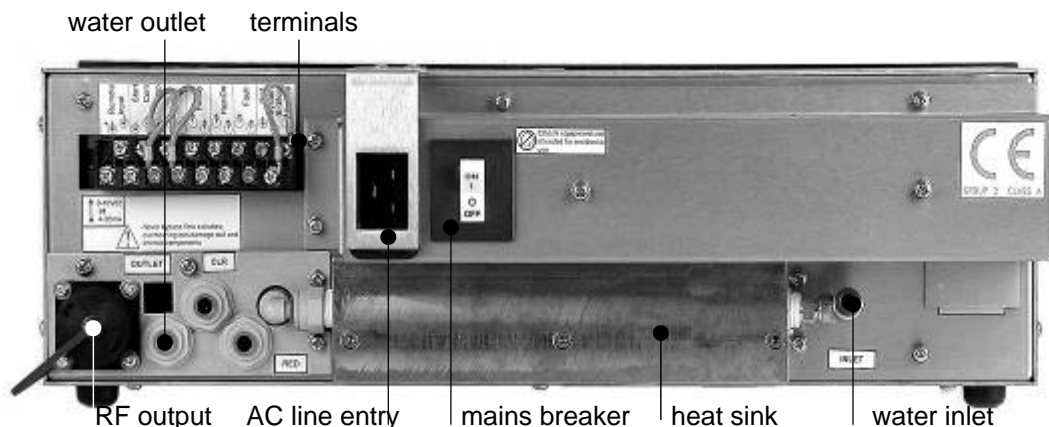
Options and Accessories

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



Two application-specific work heads

left	right	units
102x267x102 (4x10.5x4)	102x204x102 (4x8x4)	mm(in)
4.5(10)	3.6(8)	kg(lb)



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