

EASYHEAT® Air (500 W) Induction Heating System



The compact EASYHEAT Air 500 W is an air-cooled induction heating system. It is a reliable solution for heating parts with a quick, clean source of heat. With a movable work head that can be located up to 3 m (10') from the power supply, it is ideal for repeatable, non-contact heating of parts.

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

Avoid time-consuming changeovers with agile tuning for single-cycle heating operations. One system can supply heating for an array of applications like brazing, soldering, catheter tipping and much more. Flameless, non-contact induction heating minimizes energy waste by focusing energy only on the part and zone to be heated. Select and monitor power levels from the front panel LCD and sealed touch pad. Easily control the length of the heating cycle with the built-in programmable digital timer.

Versatile

- Efficient heating of many geometries
- Repeatable, reliable heating with agile frequency tuning
- Movable workhead; up to 3 m (10')
- Remote serial operation or logging (optional)
- Five language display suite (EN, FR, IT, DE, ES)
- Field-calibration capable

Easy-to-Use

- Self-adjusting for accurate, repeatable results
- View set-point, output, frequency and timer
- Built-in timer, stop-watch
- Push-button RF power control

Compact and Light

- Small feature-rich air-cooled model



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

OPTIONS AND ACCESSORIES

- Optical pyrometer (closed-loop temperature control)
- External controller (plc)
- Extended work head cable lengths
- Footswitch
- Serial data interface
- Pendant station
- Start-up assistance

Experience the Excellence.™

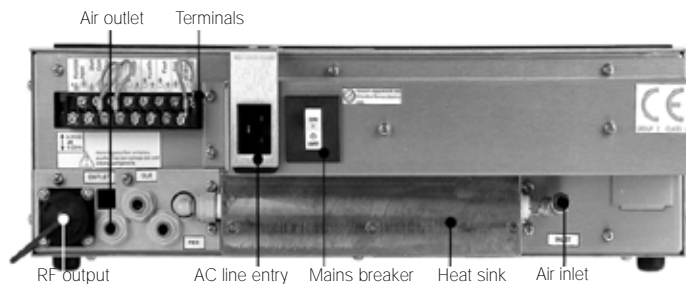
SPECIFICATION	EASYHEAT Air		UNITS
Peak Power	500		W
AC Line Power	0.8		kVA
AC Line Protection	15		A
Frequency	150-400		kHz
RF Coil Current	100 (typical)		A max
AC Line Voltage	117 or 220	220	Vac ± 10%, 1Ø
Front Panel Display	2 line x 16 character LCD; displays frequency, power, setpoint, timer and fault descriptions		
Display Language Suite ¹	Five language display suite (EN, FR, IT, DE, ES)		
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, 220 models only		
Max Ambient Temp	45 (115)		C° (F°)
Unit Weight	10.4 (23)		kg (lb)
Dimensions	Rack 483 x 400 x 133 (19 x 15.7 x 5.3)		WxDxH mm (in)
	Bench 436 x 398 x 129 (17.2 x 15.7 x 5.1)		
AIR COOLING (Sys²)			
Max Input Pressure	5.6 (80)		Bar (lb/in ²)
Pressure Differential	2.8 - 5.5 (40-80)		Bar (lb/in ²)
Max Air Temp	32 (90)		C° (F°)

1) Factory set 2) System includes workhead



Application-Specific Work Head

RIGHT	UNITS
102 x 204 x 102 (4 x 8 x 4)	mm (in)
3 (6.6)	kg (lb)



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