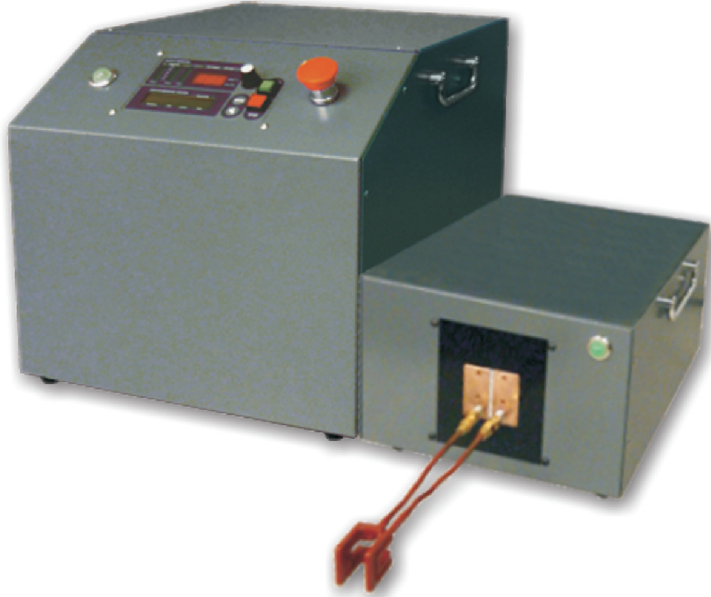


UltraHeat W15 Series

10-15kW/10-200kHz

Efficient Power for
Heating Solutions



BENEFITS OF INDUCTION HEATING

- Improved energy efficiency
- Higher degree of controllability
- Increased repeatability
- Low maintenance requirements
- Increased productivity

Advanced, cost effective power supplies utilizing the latest switching power supply technology

Adaptive digital phase control providing very efficient operation in a wide frequency range

Reliable, modular system, easy to maintain and service

Flexible, wide range load impedance matching by utilizing multiple transformer ratios and configurable tank capacitance

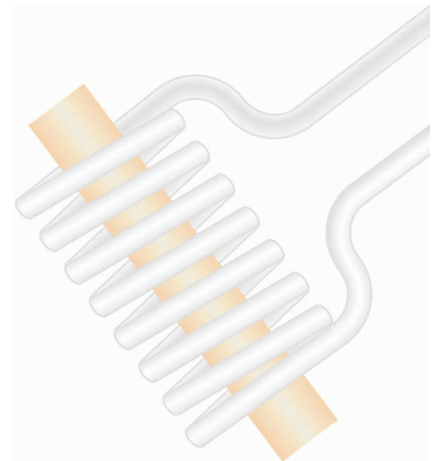
Configured to operate with external Heat Stations allowing output connections to be available from all sides

Durable design, loaded with safety and diagnostics features

Serial Communication link to a PC based software (optional)

APPLICATIONS

Brazing, Shrink fitting, Annealing, Hardening, Carbide Tipping, Curing, Forging, Bonding, Heating, Material Testing, Plastic Reflow, Susceptor Heating, Nanoparticle Research and more...



UltraHeat W15 Series

10-15kW/10-200kHz

Efficient Power for
Heating Solutions

FEATURES

- Output regulation – Voltage, Power, Current
- Limits Setting – Current, DC Volts, Output Volts, Power, Frequency
- Operator controls – Selectable: Automatic, Remote or Local control
- Capable of operating in a wide frequency range (10kHz-200kHz); low and high Q factors
- Variable ratio output isolation transformer for load matching of a wide range of loads and coils
- RS232/485 interface for remote computer monitoring, control and diagnostics
- Power control from 1 to 100% in 1% increments
- 5 Programs with 9 programmable parameters
- 0-10V or 4-20mA external control and remote Start/Stop operation



Optional Equipment

	Description
RCP-01	Remote Control Panel
FS-01	Foot Switch Assembly
HSB-50	Heat Station Switch Unit (50A)
ACC-02	Output Adapters Set with Water Bypass

SPECIFICATION

Power Supply Model

	UPT-W15	UPT-W15/150	UPT-W15/100
Output Power, kW	10/15	15	15
Frequency, kHz	50-200	50-150	10-100
AC Line, Volts (50/60Hz)	380/480±10%	380/480±10%	380/480±10%
Line Phases	3	3	3
Weight, Lb (kg)	84 (38)	84 (38)	84 (38)
Dimensions, Inch (cm) LxWxH	20.5 x 15.7 x 15.7 (52 x 40 x 40)	20.5 x 15.7 x 15.7 (52 x 40 x 40)	20.5 x 15.7 x 15.7 (52 x 40 x 40)
Compatible Heat Stations	HS-8, HS-15LF, HS-8S	HS-8, HS-15LF, HS-8S	HS-8, HS-15LF, HS-8S

Heat Station Model

	HS-8	HS-15LF	HS-8S
Dimensions, Inch (cm) WxDxH	14.2 x 14.2 x 9.8 (36 x 36 x 25)	17.3 x 20.5 x 9.8 (44 x 52 x 25)	14.2 x 14.2 x 9.8 (36 x 36 x 25)
Weight, Lb (kg)	37.5 (17)	44.1 (20)	39.7 (18)
Min. Cooling Water, GpM (LpM)	2 (8)	2 (8)	2 (8)
Inlet Water T° (max), °F (°C)	95°F (35°C)	95°F (35°C)	95°F (35°C)



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