

UBRAZE HANDHELD

10-15kW/50-150kHz

EFFICIENT POWER FOR
HEATING SOLUTIONS



BENEFITS OF UBRAZE HANDHELD BRAZING SYSTEM

- Improved safety through flameless heating
- Increased productivity
- Handheld brazing allows the operator to move to the part and access hard-to-reach areas
- Durable handheld assembly with low maintenance requirements
- Power on demand with rapid heat cycles

The UBraze Handheld Brazing System brings the power of induction to work pieces that you may not be able to access with a traditional fixed workhead

Durable assembly has easy-hold grip, and a handle at the top of the unit to maximize stability

UBraze can be also be coupled with a switching system to allow multiple handheld systems with different coils

UBraze Handheld Brazing System operates with UltraHeat UPT-W10 (10 kW), UPT-W15 (15 kW)

APPLICATIONS

Brazing, Carbide Tipping, Shrink Fitting, Plastic Reflow

HEADQUARTERS:

158-2 Remington Blvd
Ronkonkoma, New York 11779
Tel: 631.467.6814
sales@ultraflexpower.com



ultraflexpower.com



UBRAZE HANDHELD

10-15kW/50-150kHz

EFFICIENT POWER FOR HEATING SOLUTIONS

FEATURES

- UBraze handheld brazing system allows the operator to move to the part and access hard-to-reach areas
- Output regulation – Voltage, Power, Current
- Limits Setting – Current, DC Volts, Output Volts, Power, Frequency
- Capable of operating in a wide frequency range (50kHz – 150kHz); low and high Q factors
- Variable ratio output isolation transformer for load matching of a wide range of loads and coils

Optional Equipment

	Description
Custom Coil	Custom Coil designed and manufactured for customer's application
Water Cooling System	Water Cooling System specified per customer's requirements

SPECIFICATIONS

Power Supply Model

	W10/150	W10E/150	W15/150
Output Power, kW	10	10	15
Frequency, kHz	50-150	50-150	50-150
AC Line, Volts (50/60Hz)	230 ±10%	380/480±10%	380/480±10%
Line Phases	3	3	3
Weight, Lb (kg)	66.1 (30)	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-15SP and UBraze	HS-15SP and UBraze	HS-15SP and UBraze

Heat Station Model

	HS-15SP	UBraze Handheld Assembly
Dimensions, Inch (cm) WxDxH	7.8" x 18.1" x 7.5" (20 x 46 x 19)	3.25" x 6.9" x 11" (8.25 x 17.5 x 28.1)
Weight, Lb (kg)	17.6 (8)	4 (2) with 6 ft. flex leads
Min. Cooling Water, GpM (LpM)	2 (8)	2 (8)
Inlet Water T° (max), °F (°C)	95°F (35°C)	95°F (35°C)



ultraflexpower.com

