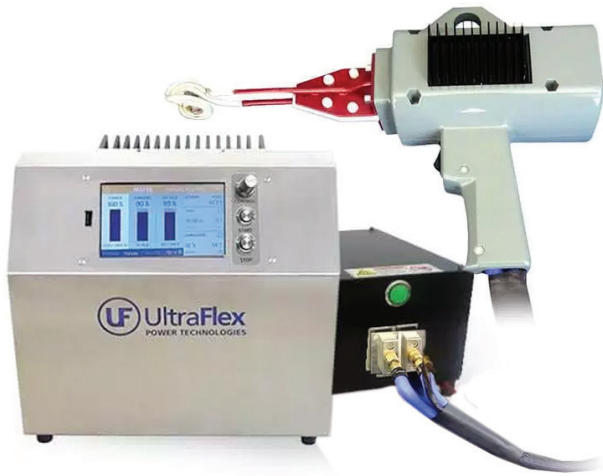


UBRAZE HANDHELD BRAZING SYSTEM

5-15kW/30-200kHz



BENEFITS

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

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

UBraze is mobile induction heating solution that can be used as a hand-held unit or can be integrated with a robotic arm for automated production lines.

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

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

UBraze Handheld and Automation Brazing System operates with UltraHeat UPT-SM5 (5 KW), UPT-W10 (10 KW), UPT-W15 (15 KW)

APPLICATIONS

Brazing, Carbide Tipping, Shrink Fitting, Plastic Reflow

HEADQUARTERS

10 Colt Court
Ronkonkoma, New York 11779
Tel: 631.467.6814
sales@ultraflexpower.com



ultraflexpower.com



UBRAZE HANDHELD BRAZING SYSTEM

5-15kW/30-200kHz

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 (30kHz – 200kHz); low and high Q factors
- Variable ratio output isolation transformer for load matching of a wide range of loads and coils

Power Supply Model

	SM5/200 OUPT-030-330	W10/150 OUFX-754-100	W10E/150 OUFX-754-300	W15/150 OUFX-754-300
Output kW	5 kW	10 kW	10 kW	15 kW
Frequency kHz	30 - 200	50 - 150	50 - 150	50 - 150
AC Line Volts (50/60Hz)	230±10%	230±10%	380/480±10%	380/480±10%
Line Phases	1	3	3	3
Weight Lb (kg)	28 (12.5)	62 (28)	62 (28)	62 (28)
Dimensions Inch (cm) WxDxH	14.5" x 9.5" x 12.8" (36.5 x 24 x 32.6)	17" x 21" x 15.7" (43 x 53 x 40)	17" x 21" x 15.7" (43 x 53 x 40)	17" x 21" x 15.7" (43 x 53 x 40)
Compatible Heat Station	HS-4W, U-Braze, Robo-Braze 3	HS-15W, U-Braze, Robo-Braze 3	HS-15W, U-Braze, Robo-Braze 3	HS-15W, U-Braze, Robo-Braze 3

Heat Station Model

	HS-4W 1ACC-030-160	HS-15W 1ACC-030-300	U-Braze 2 Handheld unit 1ACC-754-470
Dimensions Inch (cm) WxDxH	7.1" x 9.3" x 6.5" (18 x 23.6 x 16.5)	12.6" x 18.6" x 10.2" (32 x 47.2 x 26)	4.5" x 7.9" x 10.8" (11.4 x 20 x 27.2)
Weight Lb (kg)	8.7 (4)	44 (20)	7.8 (3.5) with 6 ft. flex leads
Cooling requirements water system quoted upon request	water (external)	water (external)	water (external)
Min. Cooling Water, GpM (LpM)	0.5 (2.0)	1 (3.8)	1 (3.8)
Inlet Water T° (max),F (°C)	95°F (35°C)	95°F (35°C)	n/a

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