

# ROBOBRAZE SYSTEM

5-15kW/30-200kHz

## EFFICIENT POWER FOR INDUCTION HEATING



### BENEFITS OF AUTOMATED BRAZING SYSTEM

- Improved safety through flameless heating
- Increased productivity
- Automated brazing capabilities
- Durable gripper assembly with low maintenance requirements
- Power on demand with rapid heat cycles

RoboBraz is a mobile induction heating and brazing unit that can be integrated with robotic arms, in automated production lines or for in-place brazing.

The RoboBraz unit has special induction heating terminals to mount various custom heating coils. It can be interfaced with PLCs or industrial robots via analog and digital signals or serial interface.

It can also be combined with a coil switching system to allow operating multiple systems with different coils.

RoboBraz automation brazing units can operate with the following Ultraflex power supplies: SM5 (5kW), W10 (10kW) and W15 (15 kW)



[ultraflexpower.com](http://ultraflexpower.com)



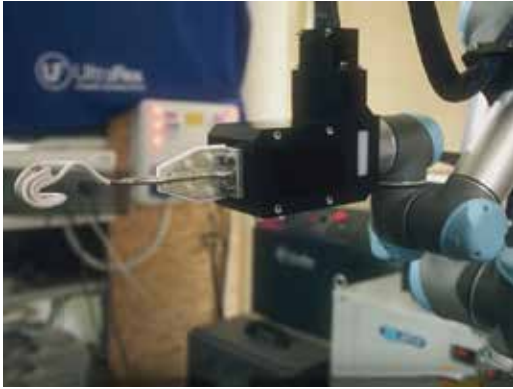
# ROBOBRAZE SYSTEM

5-15kW/30-200kHz

EFFICIENT POWER FOR  
INDUCTION HEATING

## FEATURED APPLICATION

Automated induction brazing of copper pipes in refrigerator assembly



## SPECIFICATIONS

### Power Supply Model

	SM5/200	W10/150	W10E/150	W15/150
<b>Output Power, kW</b>	5	10	10	15
<b>Frequency, kHz</b>	30-200	50-200	50-150	50-150
<b>AC Line, Volts (50/60Hz)</b>	230 ±10%	230 ±10%	230±10%	380/480±10%
<b>Line Phases</b>	1	3	3	3
<b>Weight, Lb (kg)</b>	28 (12.5)	66.1 (30)	84 (38)	84 (38)
<b>Dimensions</b> Inch (cm) LxWxH	14.4" x 10.6" x 12.8" (36.5 x 27 x 32.6)	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)
<b>Compatible Heat Stations</b>	HS-5W	HS-15W	HS-15W	HS-15W

### Heat Station Model

	HS-5W	HS-15W
<b>Dimensions, Inch</b> (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)
<b>Weight, Lb (kg)</b>	8.7 (4)	44 (20)
<b>Cooling requirements</b> water system quoted upon request	water (external)	water (external)
<b>Min Cooling Water GpM</b> (LpM)	0.5 (2.0)	1 (3.8)
<b>Inlet Water T° (max)</b>	95°F (35°C)	95°F (35°C)



ultraflexpower.com

