

# 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

UBraze is a mobile induction heating solution that is used as an environmentally friendly and safe alternative to the flame brazing torch.

Induction brazing reduces the issues associated with quality by offering guaranteed repeatability.

The accurate energy control allows you to work with precision and to accurately determine the time and power needed for each joint.

UBraze can also be coupled with a switching system to allow multiple handheld devices 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

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5-15kW/30-200kHz

## FEATURES

- UBraze handheld brazing system allows the operator to move to the part and access hard-to-reach area
- The system offers the possibility to pre-program multiple heating profiles which can be controlled by the operator from the hand-held unit
- Durable lightweight design of the handheld device
- Optional 360° ring for counterweight mounting that allows the operator to work continuous hours
- Set of standard coils for tubes diameters up to 1.5". Custom design coils are offered on request
- The equipment can be upgraded with automation unit and robotic arm for a fully automated induction brazing process

## Induction Heating System

	5 kW	10 kW	15 kW
<b>Induction system Specs</b>	UPT-SMT5 (5 KW)	UPT-WT10 (10 kW)	UPT-WT15 (15 KW)
<b>AC Line Volts (50/60Hz)</b>	230V±10%, Single Ph	230V/380V/480V±10%, Three Ph	380V/480V±10%, Three Ph
<b>Power Supply Model</b>	SMT5/200	WT10/150 or WT10E/150	WT15/150
<b>Heat Station Model</b>	HS-5W	HS-15W	HS-15W
<b>Cooling requirements</b> water system quoted upon request	water (external)	water (external)	water (external)
<b>Compatible Handheld Unit</b>	Ubraze 5	Ubraze 5, Ubraze 5CP	Ubraze 5, Ubraze 5CP

## Handheld Unit

● Standard ○ Optional

	UBraze 5	UBraze 5CP
<b>Dimensions</b> Inch (cm) WxDxH	3.34" x 10.9" x 8.3" (8.5 x 27.7 x 21.2)	3.34" x 10.9" x 8.3" (8.5 x 27.7 x 21.2)
<b>Weight</b> Lb (kg)	7.8 (3.5)	7.8 (3.5)
<b>Cooling requirements</b> water system quoted upon request	water (external)	water (external)
<b>360° Ring for Counterweight mounting</b>	○	○
<b>Mini control panel</b>	-	●

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