

# Induction Heater IH 210

**Large heater for bearings up to 660 lbs.**



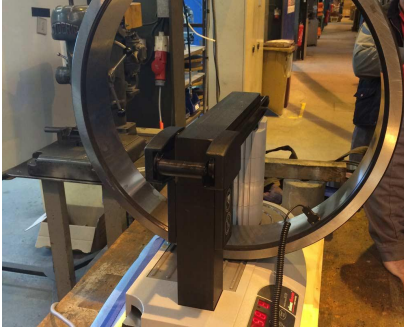
Compact design induction heater for roller bearings and other circular metal work pieces up to 25 inch bore diameter and a cross section of 9-3/4 inch x 9-3/4 inch. With the integrated time and temperature controls, roller bearings can be heated to the prescribed 230°F while other circular metal work pieces can be heated to 750°F. Sliding yoke allows easy loading and unloading.

## Features and dimensions

- Can heat a bearing weighing 460 lb. in 20 minutes from 68°F to 230°F, saving time and energy.
- 4 different power consumption levels, along with smaller yokes, allow smaller bearings to be heated quickly and efficiently with less energy.
- A pre-selected temperature of 230°F protects bearings from overheating.
- Automatic demagnetization.
- 3 year manufacturer warranty.



## Application photos



## Technical data

Voltage (± 9%)	400 V / 50 Hz 440–480 V / 50–50 Hz 575 V / 60 Hz
Power consumption (maximum)	10.0 kVA (400 V / 50 Hz) 11.5 kVA (440–480 V / 50–50 Hz) 10.4 kVA (575 V / 60 Hz)
Work piece	
- Maximum weight	660 lb. bearing / 330 lb. solid piece
- Bore diameter	2.4 – 25 in.
Temperature control	
- Range	32 – 480°F
- Magnetic probe	yes, type K
- Accuracy (electronic)	± 3°C
Time control	
- Range	0 – 60 minutes
- Accuracy	± 0.01 seconds
Maximum temperature (approx.)	750°F
Thermometer mode	yes
Bearing temperature mode	yes
Power reduction	4 levels / 20-40-60-80%
Automatic demagnetization / residual magnetism	yes / < 2A/cm
Suitable for heating sealed bearings	yes
Suitable for heating pre-greased bearings	yes
Error guide codes	yes
Thermal magnetic flux	yes
Maximum magnetic flux	1.5 T
Control panel	keyboard with LED-display
Size of the operating area (WxH)	9.75 x 9.75 mm
Coil diameter	135 mm
Measurements (LxWxH)	23.6 x 13.8 x 16.5 in.
Overall weight including yokes	165 lb.
Number of standard yokes	2
Standard yokes	2.75 x 2.75 x 16.5 inch for bearings with a bore diameter of at least 3.9 in. 1.6 x 1.6 x 16.5 inch for bearings with a bore diameter of at least 2.4 in.
Core cross section	2.75 x 2.75 inch
Sliding yoke	yes