

TECHNICAL DATASHEET

TIMKEN® INDUCTION HEATER

VHIN-G2-10

- Portable unit
- Heating capacity 20 kg (workpiece weight)
- Available in 120V and 230V



Portable design, suitable for on-site jobs.

FEATURES & BENEFITS

- Portable induction heater
- Single temperature measurement
- Digital display
- 5 yokes included

APPLICATIONS

- Bearings, gears, rings, couplings

PART NUMBERS:

Heater VHIN-G2-10-230VEU
 Heater VHIN-G2-10-230VUS
 Heater VHIN-G2-10-230VGB
 Heater VHIN-G2-10-120VUS
 Yoke VHIY-7X7X200
 Yoke VHIY-10X10X200
 Yoke VHIY-14X14X200
 Yoke VHIY-20X20X200
 Yoke VHIY-40X40X200

Induction heating is a superior, fast and controlled heating method. It is a safer and more environmentally friendly alternative to traditional heating methods such as ovens or oil baths. These methods cause fumes or oil waste and are not recommended for personal health and safety.

Do not heat with blow torches.



General		
Power rating 230V / 240V	2.3 kVA/ 1.2 kVA	
Power rating 120V	1.2 kVA	
Voltage/Amp	120V/10A, 230V/10A, 240V/5A	
Frequency	50/60	
Workpiece min./max sizes		
	Metric	Imperial
Max. weight of the workpiece	20 kg	44 lbs.
Min. bore diameter	10 mm	0.39"
Max. OD	240 mm	9.45"
Max. workpiece width	120 mm	4.7"
Swing arm	No	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	40x40 mm	1.6x1.6"
Pole height	135 mm	5.3"
Controls		
	Metric	Imperial
Max. temp	150 °C	302 °F
Max. time range	0-30 min.	
Auto power reduction	No	
Options		
	Metric	Imperial
Yokes (standard set)	7, 10, 14, 20, 40 mm	0.28, 0.39, 0.55, 0.79, 1.6"
Yokes (optional)	No	
Support for horizontal heating	No	
Mobile	No	
Temperature control	Yes	
Dimensions		
	Metric	Imperial
Dimensions	460x240x280 mm	18.1 x9.45x11.02"
Package size	650x290x360 mm	25.6x11.4x14.2"
Heater weight (including yokes)	21 kg	46.3 lbs.
Miscellaneous		
Sound signal	Yes	
Temperature hold	Yes	
Demagnetizing <2A/cm	Yes	
Thermal safety guide	Yes	
Magnetic temperature probe	1	
Temperature probe supplied	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error message	Yes	