

TECHNICAL DATASHEET

## TIMKEN® INDUCTION HEATER

## VHIS-G2/G3-75

- Heating capacity up to 100 kg (workpiece weight)
- Available in 120V and 230V
- With swivel arm



# Benchtop model.

## FEATURES & BENEFITS

### G2 MODELS

- Single temperature measurement
- Digital display
- With swivel arm
- 2 yokes included

### G3 MODELS *(in addition to G2 model features)*

- Easy-to-use touchscreen
- Log function to store or export data
- Ability to create a proof-of-work report for customers
- Heating capabilities according to a preset temperature/time curve
- Delta-T selectable double temperature probe

## APPLICATIONS

- Bearings, gears, rings, couplings

## PART NUMBERS:

Heater	VHIS-G2-75-230VEU	Yoke	VHIY-10X10X280
Heater	VHIS-G2-75-230VGB	Yoke	VHIY-14X14X280
Heater	VHIS-G2-75-230VUS	Yoke	VHIY-20X20X280
Heater	VHIS-G2-75-120VUS	Yoke	VHIY-30X30X280
Heater	VHIS-G3-75-230VEU	Yoke	VHIY-40X40X280
Heater	VHIS-G3-75-230VUS	Yoke	VHIY-50X50X280
Heater	VHIS-G3-75-120VUS	Yoke	VHIY-60X60X280

**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.**



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General		
Power rating 230V / 240V	3.6 kVA	
Power rating 120V	1.8 kVA	
Voltage/Amp	120V/15A, 230V/16A	
Frequency	50/60	
Workpiece min./max sizes		
	Metric	Imperial
Max. weight of the workpiece	100 kg	220.46 lbs.
Min. bore diameter	30/72 mm	1.18/2.83"
Max. OD	500 mm	19.69"
Max. workpiece width	180 mm	7.09"
Swing arm	Yes	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	50x50 mm	1.97x1.97"
Pole height	185 mm	7.28"
Controls		
	Metric	Imperial
Max. temp	240° C	464° F
Max. time range	0-99 min.	
Auto power reduction	Yes	
Options		
	Metric	Imperial
Yokes (standard set)	20, 50 mm	0.79, 1.97'
Yokes (optional)	10, 14, 30, 40, 60 mm	0.39, 0.55, 1.18, 1.57, 2.36"
Support for horizontal heating	Yes	
Mobile	No	
Temperature control	Yes	
Dimensions		
	Metric	Imperial
Dimensions	702x256x392 mm	27.64x10.06x15.43"
Package size	750x360x520 mm	29.53x14.17x20.47"
Heater weight (including yokes)	31 kg	68.34 lbs.
Miscellaneous		
Sound signal	Yes	
Temperature hold	Yes	
Demagnetizing <2A/cm	Yes	
Thermal safety guide	Yes	
Magnetic temperature probe – G2/G3	1/2	
Temperature probe supplied	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error message	Yes	