

TECHNICAL DATASHEET

TIMKEN® INDUCTION HEATER

VHIS-G2/G3-400

- Heating capacity up to 600 kg (workpiece weight)
- With swivel arm



Mobile, extra powerful heater with swing arm.

FEATURES & BENEFITS

G2 MODELS

- Single temperature measurement
- Digital display
- With swivel arm
- 1 yoke 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
- Maintenance workshops

PART NUMBERS:

Heater	VHIS-G2-400-400VEU	Yoke	VHIY-40X40X600
Heater	VHIS-G2-400-500VUS	Yoke	VHIY-60X60X600
Heater	VHIS-G3-400-400VEU	Yoke	VHIY-80X80X600
Heater	VHIS-G3-400-500VUS	Yoke	VHIY-90X90X600

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	18 kVA	
Power rating 120V	—	
Voltage/Amp	400V/45A, 500V/36A	
Frequency	50/60	
Workpiece min./max sizes		
	Metric	Imperial
Max. weight of the workpiece	600 kg	1322.7 lbs
Min. bore diameter	60/150 mm	2.4"/ 5.9"
Max. OD	1050 mm	41.3"
Max. workpiece width	400 mm	15.7"
Swing arm	Yes	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	90x110 mm	3.5x4.3"
Pole height	315 mm	12.4"
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)	90 mm	3.2"
Yokes (optional)	40, 60, 80 mm	1.6, 2.4, 3.54"
Support for horizontal heating	Yes	
Mobile	Yes	
Temperature control	Yes	
Dimensions		
	Metric	Imperial
Dimensions	1144x560x990 mm	45.0x22.0x39.0"
Package size	1200x800x1180 mm	47.2x31.5x46.5"
Heater weight (including yokes)	210 kg	463 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	