

TECHNICAL DATASHEET

TIMKEN® INDUCTION HEATER

VHIS-G2/G3-100

- Heating capacity up to 150 kg (workpiece weight)
- With swivel arm



Powerful 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-G2-100-230VEU	Yoke	VHIY-20X20X350
Heater	VHIS-G2-100-230VUS	Yoke	VHIY-30X30X350
Heater	VHIS-G2-100-230VGB	Yoke	VHIY-40X40X350
Heater	VHIS-G3-100-230VEU	Yoke	VHIY-50X50X350
Heater	VHIS-G3-100-230VUS	Yoke	VHIY-60X60X350
Heater	VHIS-G3-100-230VGB	Yoke	VHIY-70X70X350
Yoke	VHIY-10X10X350	Yoke	VHIY-70X80X350
Yoke	VHIY-14X14X350		

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	3.7 kVA	
Power rating 120V	—	
Voltage/Amp	230V/16A	
Frequency	50/60	
Workpiece min./max sizes		
	Metric	Imperial
Max. weight of the workpiece	150 kg	330.69 lbs.
Min. bore diameter	45/110 mm	1.77/4.33"
Max. OD	600 mm	23.62"
Max. workpiece width	210 mm	8.27"
Swing arm	Yes	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	70x80 mm	2.76x3.15"
Pole height	205 mm	8.07"
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)	30, 70x80 mm	1.18, 2.7x3.15"
Yokes (optional)	10, 14, 20, 40, 50, 60, 70 mm	0.39, 0.55, 0.79, 1.57, 1.97, 2.36, 2.76"
Support for horizontal heating	Yes	
Mobile	No	
Temperature control	Yes	
Dimensions		
	Metric	Imperial
Dimensions	788x315x456 mm	31.02x12.40x 17.95"
Package size	970x510x580 mm	38.19x20.08x 22.83"
Heater weight (including yokes)	52 kg	114.64 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	