

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATER

VHIS-G2-100

- Heating capacity up to 150 kg (workpiece weight)
- Available in 230V
- With swivel arm



Powerful benchtop model.

FEATURES & BENEFITS

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

APPLICATIONS

- Bearings, gears, rings, couplings

PART NUMBERS:

HEATERS:

VHIY-G2-100-230VEU
 VHIY-G2-100-230VUS

ACCESSORIES:

VHIY-10X10X350 mm
 VHIY-14X14X350 mm
 VHIY-20X20X350 mm
 VHIY-30x30x350 mm
 VHIY-40X40X350 mm
 VHIY-50X50X350 mm
 VHIY-60X60X350 mm
 VHIY-70X80X350 mm
 VHIY-70x80x350 mm

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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 Ref: TDS04-21-GB

General		
Power rating 230V / 240V	3.7 kVA	
Power rating 120V	n/a	
Voltage/Amp*	230V/16A	
Frequency	50/60 Hz	
Workpiece min./max. sizes		
	Metric	Imperial
Max. weight of workpiece	150 kg	330.69 lbs.
Min. bore diameter (vertical/horizontal)	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	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	31.02x12.40x17.95"
Package size	970x510x580 mm	38.19x20.08x22.83"
Heater weight (excluding yokes)	52 kg	114.64 lbs.
Miscellaneous		
Sound signal	Yes	
Temperature hold	Yes	
Demagnetizing, <2A/cm	Yes	
Thermal safety guard	Yes	
Magnetic temperature probe	1	
Temperature probe supplied	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error message	Yes	