

Medium induction bearing heater TIH100M



The ACDEPOM, medium induction heater TIH 100m has the same high standards of efficiency and performance as the smaller heater TIH 030m, combined with increased capacity. The advanced design of the power electronics allows features of accurate electric current control, cut_outs to avoid overheating and controls on rate of temperature increase.

Placing the induction coil outside the heater' s housing allows the heating of bearings weighing up to 120 kg (264 lb). The heater is equipped with thermal overheating protection to reduce the risk of damage to the induction coil and the electronics. In addition to temperature mode, the TIH 100m is equipped with a time mode for heating components other than bearings. The heater is supplied standard with three yokes and is available in two executions:
230V/50-60Hz

Features

- Standard swivel arm for large size yoke
- Capable of heating a 97 kg (213 lb) bearing in less than 20 minutes, saving time and energy

- 2step power setting and smaller yokes allow heating smaller bearings safely and at lower power consumption
- Temperature mode pre_set at 110 °C (230 °F) to help prevent bearing over-heating
- Automatic demagnetisation

Model	TIH100M
Power(W)	3600
Voltage(V)	220
Inner diameter(mm)	20-400
Max width(mm)	
Temperature(°C)	0-250
Control(minute)	0-60
Auto demagnetization	<2A/cm
Weight(kg)	
Size(mm)	570*230*350
Accuracy(±,°C)	2
Bearing weight (kg)	120
Standard Yokes (mm)	14, 28, 56