

Easy therm 2



The Easytherm 2 is a small powerful microprocessor controlled induction heater for heating of small sized components including bearings up to 40 kg!! It is easy to use and portable, complete with a robust case, ideal to use on location.



Technical Information

Voltage	110-230V
Frequency	50 or 60Hz
Power	3.6kVA
Heater mass	17kg
Dimensions	345x200x240mm
Temp. mode	Max. 240/400°C
Width U-core	120mm
Height U-core	100mm

Dimensions:

Size induction yokes mm	Standard min. bore part (A)	Standard max. outer diameter part (B)	Standard max. width part (C)	Max. weight part	Max. outside diameter with extension yoke 40x50x75mm	Max. width with extension yoke 40x50x75mm
10x10x200	15mm	210mm	120mm	5kg	360mm	120mm
14x14x200*	20mm	215mm	120mm	15kg	365mm	120mm
25x25x200*	35mm	225mm	120mm	25kg	375mm	120mm
40x40x200*	60mm	280mm	120mm	40kg	375mm	120mm

*Standard delivered within induction heater.

Advantages of TM Easy therm induction heaters:

- Fast controllable heating process.
- Safe heating process; only the work piece is heated.
- Elimination of hot oil bath, no risk of localized overheating.
- Suitable for sealed and shielded bearings.
- Suitable for pre-greased bearings.
- Suitable for bearings with polyamide cages.

Technical advantages of TM Easy therm induction heaters:

- Manufactured according to the **CE** Regulations.
- Fast heating process through high output; **Cos phi > 0,8**.
- **"TURBO-BOOST"**: In the horizontal position the parts will heat up twice as fast.
- The heating coil is placed horizontal under the part;
 - By this it is impossible to damage the coil
 - This ensures an equal temperature all over the part (inner- and outer ring).
 - This makes it able to heat up parts with smaller bores.
- All heaters are **continuously useable** without any optional cooling system.
- Constantly monitoring heating process by probe and microprocessor.
- Temperature control accuracy +/- 2°C.
- Timer accuracy 0,01 sec.
- Maintenance free.
- **Three years** warranty.
- Easy to use; user friendly design.
- Ergonomic design (**pivoting yoke principle**).
- **Automatic power regulation**, no manual pre-setting necessary.
- Less than 2A/cm residual magnetism.

Ergonomic pivoting yoke:

The pivoting yoke has the great advantage that only the work-piece is to be handled because the arm has not to be lifted manually. This avoids unnecessary handling and reduces the risk of dirt intruding on the bearing or work-piece.



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