

SURETHERM

- ▶ **HEATING DONE RIGHT**
Our new generation of low frequency induction heating equipment offers the most efficient heaters for a wide range of applications.
- ▶ **ALL-NEW DESIGN**
Equipped with a user-friendly interface, expanded operation area, dual sensor control and unrivalled power factor. All designed to get your job done.
- ▶ **LOW FREQUENCY**
Using a low frequency heater is the way to go when you're looking for a secure heating solution, providing gradual and uniform heating of the workpiece.

SURETHERM 10X



SPECIFICATIONS

| | |
|----------------------|-------------------------------|
| Power Rating | 3 kVA |
| Facility Power | 110 - 230 V / 13 A / 50/60 Hz |
| Temperature Control | Single / Dual |
| Weight | 21 kg |
| Operating Area (WxH) | 120 x 145 mm |
| Unit Dimensions | 450 x 210 x 275 mm |

WORKPIECE

| | |
|---------------------|----------|
| Min. bore diameter | ø 10 mm |
| Max. outer diameter | ø 400 mm |
| Max. weight | 50 kg |

SUPPLIED WITH

Yokes: 10/14/25/40
Heat resistant gloves
1 Temperature sensor
Grease
36 Month Warranty (24+12)*
Standard warranty 24 months
*Bonus 12 months warranty when unit is registered.

OPTIONS

| | | |
|--------------|-----------------------|---------------------------------|
| Yokes | | Sturdy Box |
| 7X7X200mm | 40X38X200mm | Remote Control |
| 10X10X200mm | 80X80X490mm | 400°C High-temp version* |
| 14X14X200mm | Extention Yoke | |
| 25X24X200mm | 40X50X75mm | |
| 30X26X200mm | | |

SURETHERM 20X



SPECIFICATIONS

| | |
|----------------------|-------------------------------|
| Power Rating | 3.7 kVA |
| Facility Power | 110 - 230 V / 16 A / 50/60 Hz |
| Temperature Control | Single / Dual |
| Weight | 40 kg |
| Operating Area (WxH) | 180 x 185 mm |
| Unit Dimensions | 540 x 275 x 365 mm |

WORKPIECE

| | |
|---------------------|----------|
| Min. bore diameter | ø 15 mm |
| Max. outer diameter | ø 500 mm |
| Max. weight | 100 kg |

SUPPLIED WITH

Heat resistant gloves
1 Temperature sensor
Grease
36 Month Warranty (24+12)*
Standard warranty 24 months
*Bonus 12 months warranty when unit is registered.

OPTIONS

| | | |
|---------------|-----------------------|---------------------------------|
| Yokes | | Remote Control |
| 7X7X280mm** | 50X48X280mm | 400°C High-temp version* |
| 10X10X280mm** | Extention Yoke | **Non pivoting |
| 14X14X280mm** | 50X62X120mm | |
| 25X24X280mm | | |
| 30X26X280mm | | |
| 40X38X280mm | | |

EASY PRINT GRAPH SOFTWARE

TM's Easy Print Graph Software enables the operator to download the Heating Cycle of a workpiece.

The Heating Cycle Graph can be easily transferred to a PC and quickly inserted into reports providing improved quality assurance and accurate recording of Maintenance or Rebuild procedures.



*400°C High Temp version available as a special order from factory.

SURETHERM 30X

SPECIFICATIONS

| | |
|----------------------|-------------------------------|
| Power Rating | 8 kVA |
| Facility Power | 400 - 575 V / 20 A / 50/60 Hz |
| Temperature Control | Single / Dual |
| Weight | 85 kg |
| Operating Area (WxH) | 210 x 220 mm |
| Unit Dimensions | 695 x 330 x 435 mm |

WORKPIECE

| | |
|---------------------|----------|
| Min. bore diameter | ø 30 mm |
| Max. outer diameter | ø 600 mm |
| Max. weight | 200 kg |

SUPPLIED WITH

Heat resistant gloves
 2 Temperature sensors
 Grease
 36 Month Warranty (24+12)*
 Standard warranty 24 months
 *Bonus 12 months warranty when unit is registered.

OPTIONS

Yokes

14X14X350mm**
 20X20X350mm
 30X26X350mm
 40X38X350mm
 50X48X350mm

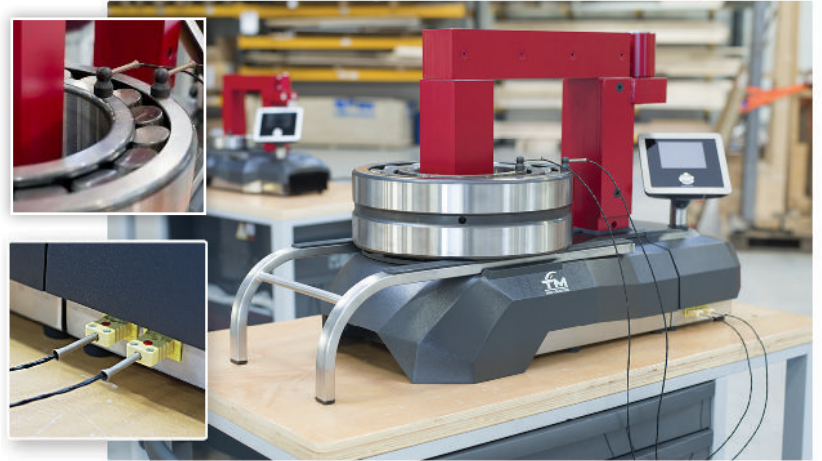
60X60X350mm
 70X70X350mm

Extention Yoke
 70X82X150mm

Remote Control

400°C High-temp version*

**Non pivoting



FITTINGTOOL FT33



TEMPERATURE SENSORS

Magnetic 500mm 240°C
 Magnetic 1000mm 240°C
 Magnetic 1500mm 240°C
 Magnetic 1000mm 400°C
 Clamp Sensor 240°C 1000mm



The specifications above describe our standard heaters. Custom specifications are available on request.

HEATING DONE RIGHT

With our new generation of low frequency equipment, we offer the most efficient heaters for a wide range of applications. Our SURETHERM series assure a safe heating process, where only the workpiece is heated. The heaters are suitable for sealed and shielded bearings, pre-greased bearings, bearings with polyamide cages, gearwheels, pulleys, couplings, and bushings.

- ▷ **SURE**
The heating process is monitored by one or two sensors.
Ensuring accurate and safe heating of the workpiece.
- ▷ **CLEAN**
The heat is transferred directly into the workpiece, as efficient as possible, as clean as possible.
- ▷ **SAFE**
Good working conditions - quiet, safe and clean. Safe for the operators as well as the material integrity.
- ▷ **EASY**
Intuitive touchscreen controls with real-time feedback, ergonomically friendly design, large operation area, low maintenance.
- ▷ **EFFICIENT**
Heating times are short, increasing production and reducing labor costs. Heating precisely and only what is needed. Sure, clean, easy and efficient. The list advantages seems to go on and on, doesn't it? View our complete product line, videos and articles at:

mrequip.com.au

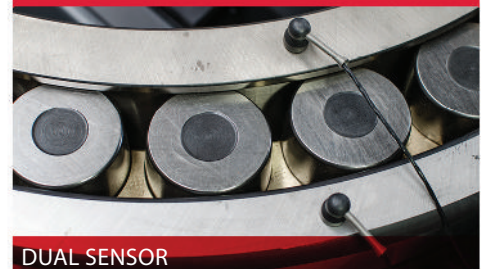
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FEATURES



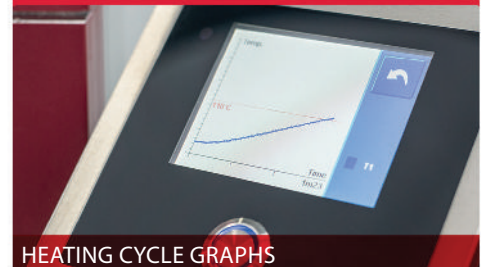
REAL - TIME FEEDBACK

The SURETHERM heaters are equipped with a touchscreen interface (in multiple languages), providing clear feedback during all your heating cycles.



DUAL SENSOR

One of the four heating modes enables the user to use dual temperature measurements. Using two sensors the workpiece will be heated 100% tension-free.



HEATING CYCLE GRAPHS

Follow your heating cycles closely by using the new cycle graph function. After a heating cycle is completed, the data can be exported to a PC for further evaluation.



Maintenance & Reliability Equipment *maintenance made - easier + faster + safer*

e: info@mrequip.com.au m: +61 417 954 430 w: mrequip.com.au