

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 an 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	1.5 - 3 kVA
Facility Power	110 - 230 v / 13 A / 50/60 Hz
Temperature Control	Single / Dual
Weight	21 kg / 46.3 lb
Dimensions (LxBxH)	450 x 210 x 275 mm 17.7 x 8.3 x 10.8 inches

WORKPIECE

Min. bore diameter	ø 10 mm / ø 0.4 inches
Max. outer diameter	ø 400 mm / ø 15.75 inches
Max. weight	50 kg / 110 lb



SURETHERM 20X

SPECIFICATIONS

Power Rating	1.8 - 3.7 kVA
Facility Power	110 - 230 v / 16 A / 50/60 Hz
Temperature Control	Single / Dual
Weight	40 kg / 88 lb
Dimensions (LxBxH)	540 x 275 x 365 mm 21.3 x 10.8 x 14.4 inches

WORKPIECE

Min. bore diameter	ø 10 mm / ø 0.4 inches
Max. outer diameter	ø 500 mm / ø 19.7 inches
Max. weight	100 kg / 220 lb



SURETHERM 30X

SPECIFICATIONS

Power Rating	8 kVA
Facility Power	400 - 575 v / 20 A / 50/60 Hz
Temperature Control	Single / Dual
Weight	85 kg / 187 lb
Dimensions (LxBxH)	695 x 330 x 435 mm 27.4 x 13 x 17.1 inches

WORKPIECE

Min. bore diameter	ø 15 mm / ø 0.6 inches
Max. outer diameter	ø 600 mm / ø 23.6 inches
Max. weight	200 kg / 440 lb





SURETHERM^{PRO} 1X

SPECIFICATIONS

Power Rating	12.8 kVA
Facility Power	400 - 480 - 575 V / 32 A / 50/60 Hz
Temperature Control	Single / Dual
Weight	157 kg / 346 lb
Dimensions (LxBxH)	850 x 420 x 950 mm 33.5 x 16.5 x 37.4 inches

WORKPIECE

Min. bore diameter	ø 30 mm / ø 1.2 inches
Max. outer diameter	ø 1000 mm / ø 39.4 inches
Max. weight	400 kg / 880 lb



SURETHERM^{PRO} 3X

SPECIFICATIONS

Power Rating	25.2 kVA
Facility Power	400 - 480 - 575 V / 63 A / 50/60 Hz
Temperature Control	Single / Dual
Weight	280 kg / 617 lb
Dimensions (LxBxH)	1080 x 500 x 1250 mm 42.5 x 19.7 x 49.2 inches

WORKPIECE

Min. bore diameter	ø 40 mm / ø 1.6 inches
Max. outer diameter	ø 1500 mm / ø 59 inches
Max. weight	800 kg / 1764 lb



SURETHERM^{PRO} 6X

SPECIFICATIONS

Power Rating	40 kVA
Facility Power	400 - 480 - 575 V / 100 A / 50/60 Hz
Temperature Control	Single / Dual
Weight	650 kg / 1433 lb
Dimensions (LxBxH)	1500 x 800 x 1600 mm 59 x 31.5 x 63 inches

WORKPIECE

Min. bore diameter	ø 85 mm / ø 3.35 inches
Max. outer diameter	ø 2000 mm / ø 78.75 inches
Max. weight	1600 kg / 3527 lb

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.

> DEMAGNETIZATION

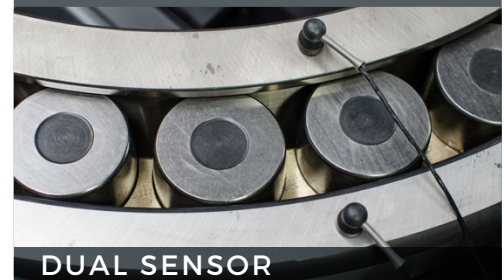
Workpieces are automatically demagnetized at the end of every heating cycle leaving no residual magnetism to accumulate debris.

FEATURES



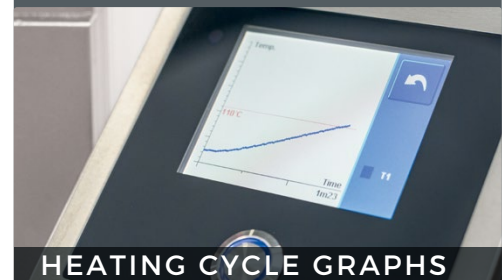
REAL-TIME FEEDBACK

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.

LUDECA is a leading provider of Predictive and Proactive Maintenance Solutions including laser alignment, ultrasound testing, vibration analysis and balancing equipment as well as related software, rentals, services and training.



LUDECA
Keep it running.

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