SmartTEMP
INDUCTION HEATER

The premium heating solution for all your mechanical components

NTN SNR

www.ntn-snr.com

With You

SmartTEMP

THE ONLY TOOL TO HEAT SAFELY UNDER CONTROL BEARINGS, SPROCKET, SPACER RINGS…

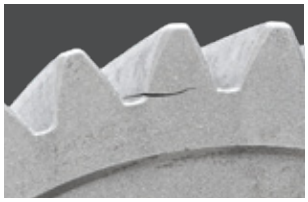
Thanks to 30 years experience on the professional induction heaters market, NTN-SNR is now able to introduce a new range of innovative induction heaters. This new generation of heaters will be able to manage efficiently all your requirements, starting from basic pieces to be heated up to the more sensitive parts that require a state of the art technology in order to be heated safely. The new touch screen will allow the user to operate the heater safely and easily in his own language with the best efficiency ever seen on the market.

TAKE THE GAMBLE OUT OF MOUNTING BEARINGS

17%
of premature bearing defects is due to incorrect mounting method

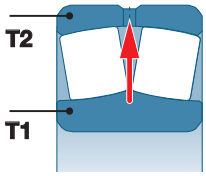
CORRECT BEARING ASSEMBLY
is crucial to get the longest service life

HOT MOUNTING METHOD
through induction heating reduces damages during assembling



FOR BEARINGS

Heating too fast creates a big difference of temperature between T1 and T2, which causes indentations on raceway.



FOR SPROCKETS

Sprockets are extremely sensitive to heating time. Heating too fast you will create a big difference of temperature between the inner diameter and the teeth. An uncontrolled heating will create important mechanical stress in the teeth area leading to mechanical deformations and, eventually, to a catastrophic sprocket failure.

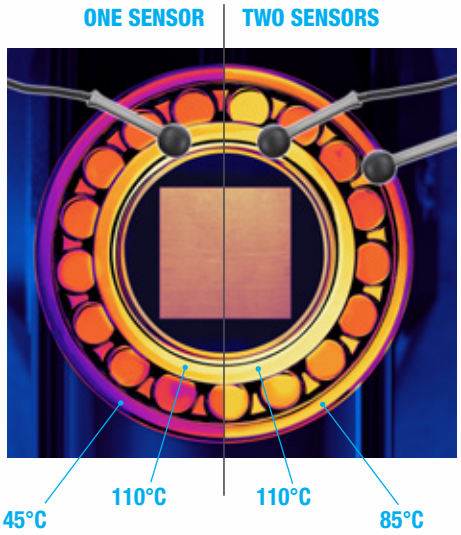
A sprockets lifetime starts with a smart mounting.

WHY THIS NEW GENERATION OF HEATER IS THE BEST ON THE MARKET

LOW OPERATING COSTS

HEATING BEARINGS AND SPROCKETS PROPERLY IS CRUCIAL TO ENSURE A LONGER SERVICE LIFE OF YOUR EQUIPMENT.

The new innovative Temperature mode with two sensors will heat your bearings safely to ensure you achieve optimum service life. The new Ramp mode will safely heat sprockets to help avoid failure during operation.



EFFICIENT

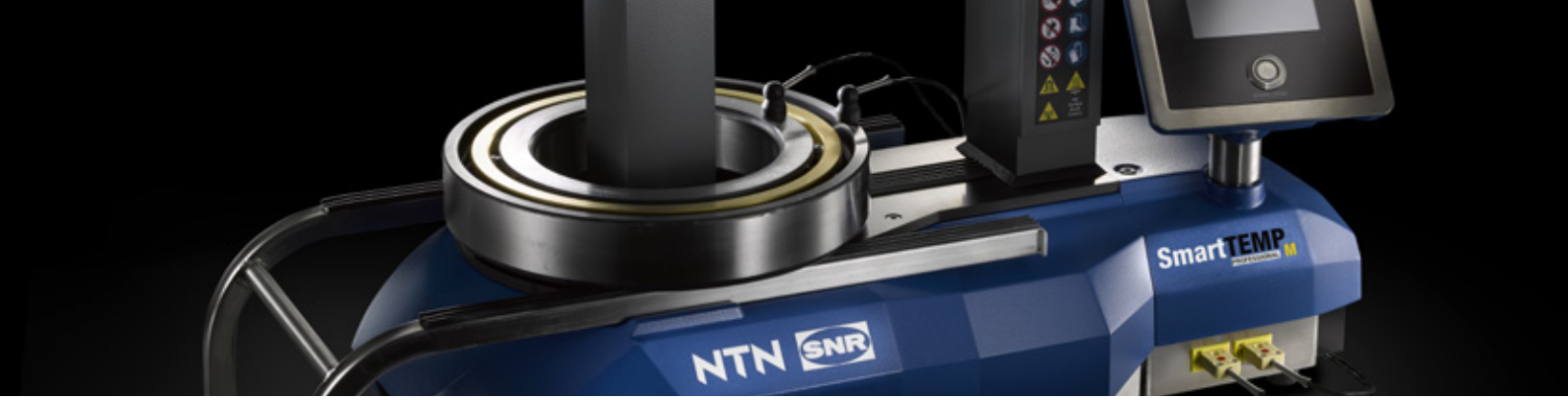
BEST SOLUTION ON THE MARKET TO HEAT BEARINGS FASTER, GEARS OR RINGS WITH LESS ENERGY CONSUMPTION 24/7/365.

- First time a heater can heat bearing or solid part of the same weight.
- Decreased heating time by 30%.
- Designed for intensive use.

EASY TO USE

THANKS TO ITS INNOVATIVE TOUCH SCREEN, SET UP, MONITORING, DATA EXTRACTION ARE EXTREMELY SIMPLE.

- Touch screen in different languages.
- Data download via USB stick.
- Maintenance simplified thanks to a unique autodiagnosis.

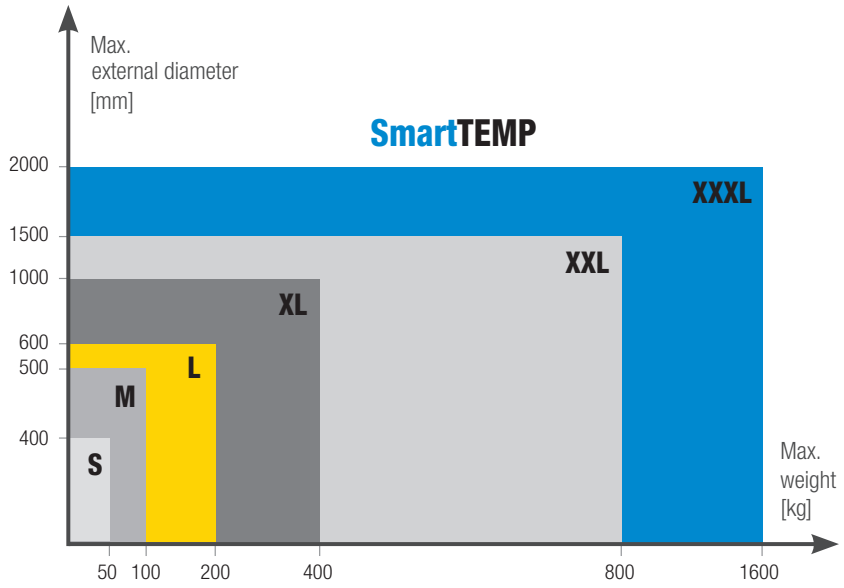


TECHNICAL CARACTERISTICS

	SmartTEMP S	SmartTEMP M	SmartTEMP L	SmartTEMP XL & XL PIVOT	SmartTEMP XXL	SmartTEMP XXXL
Max. weight of workpiece (bearing, sprocket, ring…) (kg)	50	100	200	400	800	1600
Min. bore diameter (mm)	10	10	20	30	40	85
Max. outer diameter (mm)	400	500	600	1000	1500	2000
Power rating (kVa)	3	3.7	8	12.8	25.2	40
Facility power *	230V/13A	230V/16A	400V/20A	400V/32A	400V/63A	400V/100A
Temperature setting range	+40°C to 240°C	+40°C to 240°C	+40°C to 240°C	+40°C to 240°C	+40°C to 240°C	+40°C to 240°C
Included	• 3 yokes: 14x14x200 mm 25x24x200 mm 40x38x200 mm • 1 temperature sensor • 1 pair of gloves	• 1 pivoting yoke: 50x48x280 mm • 1 temperature sensor • 1 pair of gloves	• 1 pivoting yoke: 70x70x350 mm • 2 temperature sensors • 1 pair of gloves	• 1 yoke (pivoting according to the model): 80x80x490 mm • 2 temperature sensors • 1 pair of gloves	• 1 yoke: 100x100x750 mm • 2 temperature sensors • 1 pair of gloves	• 1 yoke: 150x150x1080 mm • 2 temperature sensors • 1 pair of gloves

* Other voltage on demand

SELECTION GUIDE FOR HEATERS



ACCESSORIES

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RCS ANNECY B 325 821 072 - Code APE 2815Z - Code NACE 28.15
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NTN SNR With You

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