

# SmartTEMP Induction Heater



NTN has successfully offered professional induction heaters for over 30 years. With our extensive experience and industry knowledge, we are excited to offer a new, digital range of innovative induction heaters. Our new generation of heaters will expertly manage all needs and requirements to heat your parts safely and effectively. The new touch screen allows users to operate the heaters easily and to exact temperature specifications. With these new features and benefits, our heaters offer the best efficiency in the market place.

## Take the gamble out of mounting bearings

Did you know 20% of premature bearing defects are due to improper installation? Correct bearing installation is critical in achieving the longest bearing service life in your application. Using a hot mounting method such as induction heating greatly reduces the risk of bearing damage.

**Please contact your local NTN Sales Representative for more details.**

[www.ntnamericas.com](http://www.ntnamericas.com)

## Features & benefits

- **New innovative temperature mode** uses two probes to uniformly heat all multiple bearing components simultaneously to ensure you achieve optimal service life  
*(dual probes optional for S and M sizes)*
- **Improved design** is more robust and decreases heating time by 30%
- **Innovative touch screen** allows for heater use in multiple languages
- **Self diagnosis feature** simplifies maintenance and monitoring
- **USB port** allows for analysis of time and temperature metrics via download



SmartTEMP **S**



SmartTEMP **M**



SmartTEMP **L**

\*XL, XXL and XXXL sizes available upon request

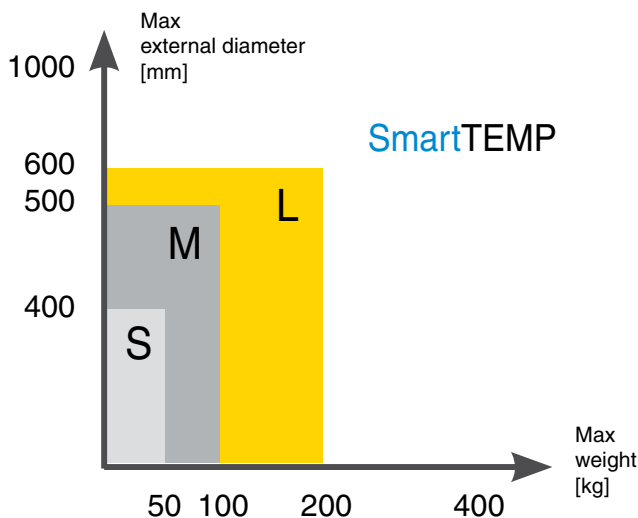
# TECHNICAL CHARACTERISTICS



	SmartTEMP S	SmartTEMP M	SmartTEMP L
Part #	TLS-SMARTTEMP-S-110V	TLS-SMARTTEMP-M-110V	TLS-SMARTTEMP-L-460V
Max. weight of workpiece (bearing, sprocket, ring...) (kg/lbs)	50 kg/110 lbs	100 kg/220 lbs	200 kg/440 lbs
Min. bore diameter (mm/in)	10 mm/0.40 in	10 mm/0.40 in	20 mm/0.80 in
Max. outer diameter (mm/in)	400 mm/15.75 in	500 mm/19.7 in	600 mm/23.6 in
Power rating (kVa)	3	3.7	8
Facility power *	230V/13A	230V/16A	400V/20A
Temperature setting range	+40°C to 240°C +104°F to 464°F	+40°C to 240°C +104°F to 464°F	+40°C to 240°C +104°F to 464°F
Included:	<ul style="list-style-type: none"> <li>3 yokes: 14x14x200 mm 25x24x200 mm 40x38x200 mm</li> <li>1 temperature sensor</li> <li>1 pair of gloves</li> </ul>	<ul style="list-style-type: none"> <li>1 pivoting yoke: 50x48x280 mm</li> <li>1 temperature sensor</li> <li>1 pair of gloves</li> </ul>	<ul style="list-style-type: none"> <li>1 pivoting yoke: 70x70x350 mm</li> <li>2 temperature sensors</li> <li>1 pair of gloves</li> </ul>

\* Other voltage on demand

## Selection Guide for Heaters



## Accessories

