Wear safety shoes

**SmartTEMP S**

**SmartTEMP M**

**SmartTEMP L**

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**UNBOXING**

**LANGUAGES**

To change the language, press the start/stop button for 8 seconds and select *Languages*. 

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SET UP

THE WORKPIECE TO HEAT

• Positioning the workpiece
  Place the workpiece in a vertical or horizontal position.

• Choosing the right yoke
  Use largest yoke available or stack two yokes to center the workpiece around the yoke.

• Using the temperature probe
  Plug in with the red dot facing upwards.
  Place the probe on the workpiece near the bore.
  Only for 2 sensors mode. The second sensor is optional for SmartTEMP S and M.
TEMPERATURE MODE

1. PREPARATION

To change the temperature, press **110°C**.
Otherwise, proceed to step 2.

Press **+** or **−** to change the temperature (max. 240°C).
Press **P** when the temperature is set.

2. HEATING PROCESS

Press **○** to start the heating cycle and stand at a safe distance.
*There is a 5 second countdown before the cycle starts.*
When the preset temperature has been reached, the heater will hold that temperature.

Alternatively, to start the heating process, press the start button on the remote.

3. COMPLETION

Press **○** to stop the heating cycle.
*The induction heater will now demagnetize.*
Hereafter it will return to the first screen.
**RAMP MODE**

① **PREPARATION**

To change the temperature, press **110°C**. To change the heating time, press **0:00**. Otherwise, proceed to step 2.

Press **+** or **-** to change the temperature (max. 240°C).

Press **P** when the temperature is set.

Press **+** or **-** to change the time.

Press **P** when the time is set.

② **HEATING PROCESS**

Press **O** to start the heating cycle and stand at a safe distance. *There is a 5 second countdown before the cycle starts.*

When the preset temperature has been reached, the heater will hold that temperature.

Press **+** or **-** to change the time.

Press **P** when the time is set.

③ **COMPLETION**

Press **O** to stop the heating cycle. *The induction heater will now demagnetize.*

Hereafter it will return to the first screen.
TEMPERATURE MODE

① PREPARATION

To change the temperature, press 110°C. To change the Δ temperature, press 35°C. Otherwise, proceed to step 2.

Press + or - to change the temperature (max: 240°C).
Press P when the temperature is set.
Press + or - to change the Δ temperature.
Press P when the temperature is set.

② HEATING PROCESS

Press 〇 to start the heating cycle and stand at a safe distance. There is a 5 second countdown before the cycle starts.

When the preset temperature has been reached, the heater will hold that temperature.

③ COMPLETION

Press 〇 to stop the heating cycle. The induction heater will now demagnetize. Hereafter it will return to the first screen.
TIME MODE

① PREPARATION

To change the heating time, press **0:00**. Otherwise, proceed to step 2.

Press **+** or **−** to change the time (max. 99:59).

Press **时** when the time is set.

② HEATING PROCESS

Press **时** to start the heating cycle and stand at a safe distance. **There is a 5 second countdown before the cycle starts.**

Alternatively, to start the heating process, press the start button on the remote.

③ COMPLETION

Press **时** to stop the heating cycle. **The induction heater will now demagnetize.** Hereafter it will return to the first screen.
**UPDATE HEATER**

1. Turn heater on and insert the USB drive
2. Hold the START/STOP button for 8 seconds
3. Scroll down to the bottom of the list
4. Select “Update Firmware GUI”
5. Check version and press confirm button
6. Wait for heater to complete updating
7. Follow on-screen instructions

**SAVE DATALOG**

1. Finish heating cycle and press graph button
2. Insert USB drive in heater
3. Press save button and confirm button

**CONVERT TO CHART**

1. Insert USB drive in PC
2. Open USB folder
3. Open the .CSV file(s)
4. Select the data columns and insert line chart

**SAVE CHART TO PDF**

1. Press **CTRL + P** on keyboard
2. Select document printer
   - For best results: Microsoft Print to PDF or Microsoft XPS Document Writer
3. Press print button - Follow on-screen instructions

**UPDATE Firmware**

1. Download update file from our website
2. Extract zip file
3. Insert USB drive in PC
4. Move update files to USB drive root
5. Eject USB drive from PC

**DATALOGGING**

1. Prepare USB drive
   - Download update file from our website
   - Extract zip file
   - Insert USB drive in PC
   - Move update files to USB drive root
   - Eject USB drive from PC
2. Save Datalogging
   - Finish heating cycle and press graph button
   - Insert USB drive in heater
   - Press save button and confirm button
3. Convert to chart
   - Insert USB drive in PC
   - Open USB folder
   - Open the .CSV file(s)
   - Select the data columns and insert line chart
4. Save chart to PDF
   - Press **CTRL + P** on keyboard
   - Select document printer
   - For best results: Microsoft Print to PDF or Microsoft XPS Document Writer
   - Press print button - Follow on-screen instructions

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