

## Features

Portable induction heater for bearings and other components weighing up to 45 kg.

From 20 mm inner diameter to 310 mm outer diameter

- Particularly compact design (only 17.5kg including yoke)
- For rolling bearings weighing up to 45kg
- Extendable bearing support arms
- Automatic demagnetization
- Supplied with three yokes as standard
- Smallest external induction coil
- Supplied with 3 pin UK Plug and 2 pin European Plug

## RS PRO

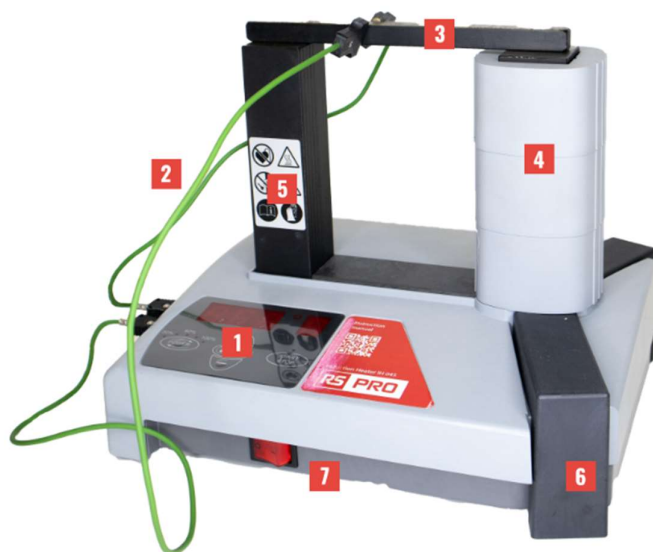
### Induction Heater

RS Stock No.: 0360224

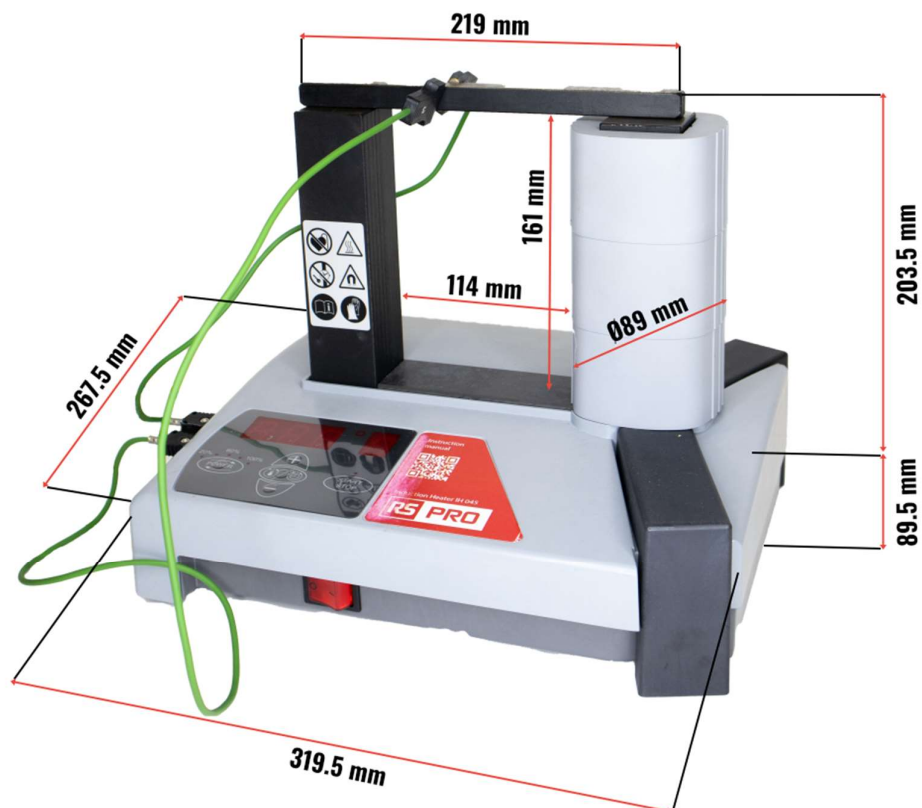


**Product Description**

The compact induction heater is ideal for heating small to medium-sized rolling bearings and other ring-shaped metal parts. With automatic time and temperature control, rolling bearings can be heated up to the 110°C specified by manufacturers, and other ring-shaped metal parts up to 180°C.

**Product Description**

- 1 User Interface**
- 2 Temperature probe**
- 3 Yoke**
- 4 Coil**
- 5 U-Core**
- 6 Extendable bearing support**
- 7 Main switch**

**Features and Dimensions**

- Can heat a 28 kg bearing from 20°C to 110°C in less than 20 minutes, saving time and energy
- 8-stage power intake in combination with smaller yokes, allows smaller bearings to be heated safely and quickly with less energy
- Temperature pre-selection to 100°C to protect the bearings from overheating
- Automatic demagnetization
- Supplied with 3 pin UK Plug and 2 pin European Plug

### Mechanical Specifications

<b>Designation</b>	Heater for medium workpieces
<b>Voltage V / Hz / power</b>	230V Range 220 – 240 V / 50 – 60 Hz / 2,1 kVA
<b>Workpiece</b> - Maximum weight - Bore diameter	45 kg From 20 mm inner diameter to 310 mm outer diameter
<b>Minimum Bore Size</b>	20 mm
<b>Maximum Bore Size</b>	310 mm
<b>Temperature control</b> - Range - Magnetic probe Accuracy (electronic)	20 – 180°C (68–356°F) Type K ± 3°C
<b>Time control</b> - Range - Accuracy	0 – 60 minutes ± 0.01 seconds
<b>Maximal temperature (approx.)</b>	180°C (356°F)
<b>Thermometer mode</b>	Yes
<b>Bearing temperature mode</b>	Yes
<b>Power reduction</b>	8 levels / 10-20-30-40-50-60-80-100%
<b>Automatic demagnetization / residual magnetism</b>	yes / < 2A/cm
<b>Suitable for heating sealed bearings</b>	Yes
<b>Suitable for heating pre-greased bearings</b>	Yes
<b>Error guide codes</b>	Yes
<b>Thermal overload protection</b>	Yes
<b>Maximum magnetic flux</b>	1,5T
<b>Control panel</b>	Keyboard with LED-display
<b>Coil diameter</b>	89 mm
<b>Dimensions (LxWxH)</b>	320 x 267 x 293 mm
<b>Overall weight</b>	17 kg
<b>Housing material</b>	Plastic
<b>Yoke storage</b>	Integrated
<b>Standard yokes</b>	42,5 x 42,5 x 219 mm for bearings with bore diameter ≥ 60 mm 28 x 28 x 219 mm for bearings with bore diameter ≥ 40 mm 14 x 14 x 219 mm for bearings with bore diameter ≥ 20 mm