

Features

- For bearings up to 10kg
- Silent operation
- PTC (Predictive Temperature Control)
- No support yokes required
- Portable and lightweight
- Supplied with UK and Euro plug

RS PRO Bearing Heater

RS Stock No.: 297-062



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

The portable induction heater for rolling bearings and other circular metallic workpieces with an inner diameter as small as 20 mm up to an outer diameter of 160 mm. With the integrated time and temperature controls, roller bearings can be heated to the prescribed 110°C while other circular iron workpieces can be heated to 180°C.

General Specifications

Voltage V / Hz / power	230V Range 220 – 240 V / 50 – 60 Hz / 1.5 kVA
Maximum Weight	10kg
Minimum Bore	20mm inner diameter
Maximum Bore	160mm outer diameter
Temperature Measurement	20 – 180°C (68-356°F)
Temperature Accuracy	± 3°C to 110°C (± 6°F to 230°F)
Power Reduction	8 levels / 10-20-30-40-50-60-80-100%
Probe Type	Type K, Magnetic
Time Control	0 – 10 minutes, in steps of 0.1 minutes (± 0.01 seconds)
Thermometer Mode	Yes
Bearing Temperature Mode	Yes
Automatic Demagnetization	Yes
Residual Magnetism	< 2A/cm
Suitable for Sealed Bearings	Yes
Suitable for Pre-greased Bearings	Yes
Error Guide Codes	Yes
Thermal Protection	Yes
Cooling Fan	Yes
Control Panel	Keypad with LED display
Dimensions	340 x 250 x 64 mm (over the cone 121 mm)
Weight	3.5kg
Plug Types	UK 3 Pin & Euro 2 Pin Mains Plug

Temperature Probes

RS Stock No	Length	Temperature Range	Accuracy
267-063	500mm	-50 – 180°C	Class 2

Dimensions

