

## **FAG medium frequency heating device – simple, flexible and economical**

The [FAG medium frequency heating device](#) enables large rolling bearings and other ring-shaped steel parts to be heated quickly and efficiently. The outlay and costs involved during mounting are reduced; productivity increases.

### **Application examples:**

- Heating bearings for mounting and dismounting
- Dismounting bearing inner rings and labyrinth rings as standard such as in axlebox bearings in railway vehicles
- Dismounting bearing inner rings in the traction motors of railway vehicles
- Heating large parts such as bearings or bearing seats in mainframes (e.g. in wind power applications)
- Heating roll rings and couplings (e.g. in steelworks)
- Loosening shrink-fit connections

### **The advantages at a glance:**

- Two in one: One tool for mounting and dismounting
- Fast, safe and economical to use
- Customer-specific solutions with flexible or fixed inductors
- Wide variety of applications
- Easy to transport – can be used anywhere
- Bearing heating can also be provided as a service with professional support from Schaeffler mounting specialists on site

If you have any questions, please contact the relevant member of your Schaeffler sales team.



**FAG Temperature measuring devices**  
**Measure temperatures easily and economically**



➔ **Available at particularly attractive prices from Schaeffler sales partners until end of October 2011.**

FAG's range of [TempCheck devices](#) provides a simple and economical means of measuring the surface temperature of components in various applications. After measuring, the measurement data can be professionally evaluated using FAG's IR Connect software.

**Application examples:**

- Performing maintenance on electrical equipment
- Locating hot areas on bearings, gearboxes and motors
- Performing measurements in hazardous areas or those difficult to access
- Measurements on rotating components
- Measurements in liquids such as in the chemical or food processing industries

**The advantages at a glance:**

- Can be used in a wide range of applications
- Precise and rapid temperature measurements (<0.3s)
- Condition monitoring with photographs by means of reporting software with user-friendly functions
- Visual and audible alarm can be set
- Incorporates the properties of the object (e.g. emission levels)
- Comprehensive range of accessories: Carry bag, protective sleeve, adapter for camera tripod, storage case

**Features of FAG TempCheck PLUS**

- Temperature range from -32 to 530 °C
- Optical resolution from 20:1
- Size of target (13 mm) remains the same up to a distance of 140 mm

**Features of FAG TempCheck PRO**

- Temperature range from -32 to 760 °C
- Optical resolution from 40:1
- Size of target (13 mm) remains the same up to a distance of 260 mm
- 1 surface sensor
- 1 immersion sensor
- Data storage for up to 20 measurements

If you have any questions, please contact the relevant member of your Schaeffler sales team.