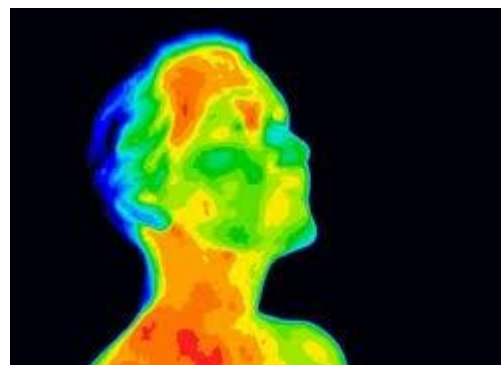


## BLACK BODY LBB 90

Leyro Instruments has developed a precision Black Body Calibrator, for real-time measurement, to give a quick response to manufacturers of IR thermal imaging cameras. With the current COVID-19 Pandemic spreading throughout the world. The BLACK BODY by Leyro allows the detection of fever by comparison, allowing an immediate and non-invasive response in people. The LBB 90 provides a point of comparison and greater accuracy in measurement, along with IR thermal imaging cameras and that can help in Hotels, Hospitals, large commercial areas, factories, airports, train stations, or any space with high traffic of people, to prevent the spread of the disease. The Black Body of Leyro LBB 90 allows to avoid any error or drift in the measurement over the reference point, in the field of vision of the thermal imager. This equipment has been Specially designed for this purpose, providing a real and precise reading point, compatible with all cameras on the market, allowing it to be used 24/7.



### APPLICATIONS

High traffic of people  
Thermographic Camera Manufacturers  
Fast non-invasive measurements

### HIGHLIGHTS

Stability 0,05°C  
Accuracy 0,3°C  
Measurement diameter 57 mm  
Resolution 0,1 / 0,01°C  
Temperature Range 30 ... 70 °C  
Continuous measurement 24/7



### General Information

Fast, non-invasive real-time measurements.  
Prevents measurement errors  
Compatible with any model of thermal imaging camera on the market  
Wide level of use, any space with high flow of people

**Technical data**

Application temperature range °C	30 ... 70 °C
Temperature stability	+/-0.03 °C
Black body diameter	57mm
Resolution	0.1 °C Option 0.01 °C
Emissivity	0.96 +/-0.02
Supply	100 / 240 Vac 50/60Hz
Power Consumption	86 W Max.
Operating temperature	0 ... 50 °C
Weight	4,8 Kg
Dimensions	Width 230 x Length 250 x Height 150 mm

**Scope of delivery**

Basic Instrument LBB 90

Traceable calibration certificate 3.1 The certificate is issued by means of a primary standard probe RTD in contact with the block

Power cord 1.8 mts.

Instruction manual English

Made in Europe

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The logo for Cal Power, with 'Cal' in black and 'Power' in red, both in a bold, sans-serif font.

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