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January 2020



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# Sense NEWS

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## EXTENDED AREA BLACK BODY SERIES

### LBBH Model

The black body is designed to provide infrared radiation as an ideal black body emitter. Because of the large uniform surface area the body called extended area black body.

We separately provide high accurate programmable controller with black body source. The temperature of furnace is set or changed by the controller.



### Key Features

- Temperature range from ambient to +500 °C
- Exceptionally high emissivity of  $0.98 \pm 0.02$
- Large emissive area with high uniformity
- Remote control via Ethernet link, RS232
- Very High Stability and accuracy
- Real time display of surface and set point temperature

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**LBBH Model**

This Black body series featuring the very high stability, they are particularly well adapted for the characterization and performance validation of a very wide range of IR Sensors, such as high resolution cameras for Thermography and long range thermal imagers. Essentially the black body emits a known amount of energy for an infinite number of wavelengths. This enables to draw the expected black body radiation curve for a given temperature. Temperature is accurately controlled by High accurate PID self tuning controller.



### Key Features

- Absolute temperature Range 0 Deg C to 100 Deg C
- Quick and convenient calibration technique
- Extended areas up to 300 mm x 300 mm
- Differential and Absolute modes of operation
- High thermal uniformity and emissivity
- Serial communication and computer interfacing by RS-232 Port

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## EXHIBITIONS OF THE MONTH



**AIA Industrial Expo 2020**  
**9th to 11th January**  
**Ankleshwar Gujarat - India**



**ELECRAMA 2020**  
**18th to 22nd January**  
**Greater Noida, NCR-India**

## UPCOMING EXHIBITIONS



**Stand No. C42**

**4<sup>th</sup> - 6<sup>th</sup> March 2020**  
**Goregaon, Mumbai - India**

**Hall No. 14, Stand No. 14B61**

**30<sup>th</sup> March - 3<sup>rd</sup> April 2020**  
**Dusseldorf - Germany**



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