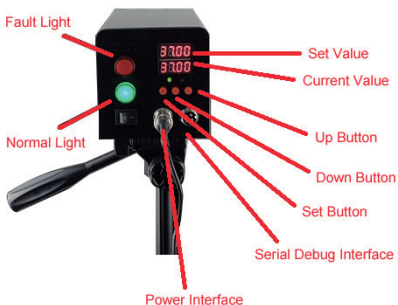


# Human Body Temperature Measurement Blackbody User Manual

## 1 Product Specification

Parameter	Description
Temperature Range °C	+5°C~50°C (room temperature)
Blackbody Opening Diameter	80 x 80mm
Effective Emissivity	0.96 ± 0.02
Temperature Resolution	0.01°C
Temperature Stability	< ±0.1°C
Temperature Measurement Accuracy	±(0.15+0.003 t )°C
Fixed-point Calibration	37.00°C
Power Supply	220V ± 10% 50Hz
Use Environment	0°C~50°C humidity ≤ 90%RH
Dimension	110 x 110 x 190mm
Weight	1.7kg

## 2 Product Description



Black body front target surface 80mm\*80mm, back panel description.

Set value display: display the set temperature value.

Current temperature value: displays the current blackbody temperature.

Set key: Set the temperature adjustment of the blackbody, after pressing the set value button, press the up and down keys to adjust the problem.

Down key: Adjust the set temperature value down.

Up key: adjust the set temperature value up.

Power interface: stainless steel aviation plug power interface.

Serial port: Interface used for factory adjustment and testing of blackbody temperature accuracy (factory test only, not provided externally).

Status light: green is normal.

Fault light: a fault occurs, the red light is always on.