



**Electro Optical Components, Inc.**

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## EOC-BT-HT70 Black Body

This BT-HT70 Series Black-body adopts automatic temperature control method, with high precision and good stability.

It is easy to operate, small in size, easy to carry and install on-site, can be used for on-site calibration with the human body temperature imager, mainly used for human body monitoring.

It is widely used in entry-exit health quarantine at customs, airports, docks, land ports, and the scene of epidemic prevention and control in schools, hospitals, and other vital occasions.



### Model

- EOC-BT-HT70

### Features

- Automatic temperature control, stable temperature, safe, and reliable
- Novel appearance, easy operation
- Small size, lightweight, easy to carry and calibrate on-site
- Support temperature digital display and adjustment, high precision

## Specification

Product name		Black-body
Function Parameters	Temperature adjustment range	+5°C~ 60°C environment temperature
	Accuracy	±0.2°C ( Factory calibration temperature is 23°C)
	Temperature Stability	≤0.15°C/10min
	Temperature Resolution	0.1°C
	Effective emissivity	0.97
	Radiation Area	70mm× 70mm equidistribution
System Parameters	Cavity	Plane
	Dimension	90mmx100mm×90mm
	Working Environment	10~30°C
	Humidity	<70%RH
	Power supply	24V DC
	Rate of work	35W
	Weight	0.75Kg
	Dimension of the base	Support 1/4 inch interface of universal tripod