Black body SJOS-B6060

Features:

-USB Connectivity. Computer programmable via USB communication; includes software and command set

-Power supply, control board, keypad and display housed inside the blackbody enclosure to provide a complete solution in the box. Built-in keypad can be used to program most of the controller's parameters by way of easy to understand options. 504W power supply in the box.

-Temperature control range: -20 °C to +70 °C. Other control ranges are available depending on thermistor sensor selection. A wide variety of pre-programmed sensors; user-programmable sensor can be used

-Secondary thermistor sensor connected to the target plate for Delta T setups.

-Configurable PID control;

- Proportional (P) bandwidth adjustment: 0.5 °C to 100.0 °C
- Integral gain (I) adjustment: 0.00 to 10.00 repeats per minute
- Derivative gain (D) adjustment: 0.00 to 10.00 cycles per minute

-Other control modes:

- Proportinal + Deaband control
- Manual

-Best-case controller control stability ±0.01 °C

-Operating temperature range for the controller inside the case (non-condensing) Minimum: 0 °C, Maximum: 45 °C

-Interchangeable target plates available. Comes standard with a 6" by 6" square aperture target plate

Paint - Krylon Ultra Flat Black

-Hot plate uniformity - TBD

Dimensions:

12" H – 10.5"W – 9" D

Weight:

32 Lbs.

Power input:

85 – 264VAC (115 VAC nominal, 4.2A) 47-63Hz

Price:

Basic option with 6" by 6" square aperture target plate starts at **$5899.00** .

Contact SJOS for a formal quote or for pricing for other options.