

# DUAL TEMPERATURE CONTROL DRY BATH INCUBATOR BAC36-100PS



# DUAL TEMPERATURE CONTROL DRY BATH INCUBATOR BAC36-100PS

Product designed compact and tight, occupy little space and has excellent performance, it is a good replacement for the traditional water bath devices. Used in the fields of pharmaceutical, chemical, food safety, environment, and quality inspection. Due to its features like fast heating speed, uniform heating, accurate temperature control, high stability, low energy consumption and no noise makes it an ideal choice.

Used in High temperature organic distillation, External circulation, Calibration tests, High temperature experiments, Laboratory.

Also known as Cooling Bath Circulator, Refrigerated Circulator, Laboratory Refrigerated Bath Circulator.

## BAC36-100PS DUAL TEMPERATURE CONTROL DRY BATH INCUBATOR

Submerged controller apply fuzzy logistic PID control, high brightness LCD, which is able to display time, date and system information for facilitating the operation.

It is easy to maintain and clean condenser to improve the refrigerating performance and save energy.

RS232 interface.

The fluid can be discharged easily for the cleaning and maintenance of incubator.

Condenser coil is designed around for guaranteeing the even temperature inside the incubator.

Professional human mechanical design is applied to improve the comfort.

The circulator applies high quality cold rolling plate sprayed with Dupont powder. The inner bag applies SUS304 stainless plate cut with laser.

The combined use of refrigerator and heater makes the temperature range wider and temperature control more accurate. High precision temperature control can be conducted.

Strong external circulation and cooling capacity; the pump power can be controlled electronically to guarantee the best heat exchange effect.

An air filter screen is installed to the air intake at the bottom of control panel, which is used to effectively prevent the suction of ash and maintain the internal part clean.

Apply fuzzy logistic PID control, high brightness LCD, which is able to display time, date and system information for facilitating the operation.

Devices for electrical leakage protection, power down recovery, water level alarm, independent over temperature protection, upper limit and lower limit alarm of temperature etc. are provided to guarantee the safety of operation.



## SPECIFICATIONS

| Model                         | BAC36-100PS                     |
|-------------------------------|---------------------------------|
| Temperature Range             | 0-100°C Programmable 3 segments |
| Outer Dimension (WxDxH)       | 185x185x90 mm                   |
| Weight                        | 1.4 kg                          |
| Temperature Precision         | ±0.5°C                          |
| Operation Ambient Temperature | 8-30°C                          |
| Power Supply                  | 12 V DC, 7A                     |



**Labstac LLC**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [contact@labstac.com](mailto:contact@labstac.com) | Website: [labstac.com](http://labstac.com)