



## VACUUM OVEN BOVA-402

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With quick heating times and and high precision temperature control, vacuum ovens effectively handle heat and oxygen sensitive materials with unmatched gentleness while drying. Designed to operate with reduced pressures, it ensures quick and effective drying of samples in powder or pellet form.

Used in Biochemical, Pharmaceutical, Healthcare, Agricultural, Environmental protection, disinfection, Sterilization, Drying, Roasting, Laboratory, Research, engineering, Industry,.

Also known as Vacuum Oven, Laboratory Vacuum Oven.

## BOVA-402 VACUUM OVEN

Advanced PID control programmable multi-mode temperature control method and LCD display

Advanced heat insulating technology ensures long term temperature stability inside the working chamber

High quality rolling plate exterior with powder spray

Special SUS304 stainless plate door sealing material ensures tightness of door and long term vacuum degree

Humidity control accuracy:  $\pm 1^{\circ}\text{C}(100^{\circ}\text{C})$

Time required for achieving highest temperature: ~90 min

Temperature sensor: PT100 three-core high precision sensor

Four-side heating of inner bag to make temperature rise faster and uniformly

High quality red copper and copper pipe joint vacuum system ensures no vacuum leakage until 48 hrs after shutting of the vacuum pump and valve

Independently adjustable temperature safety device

Over temperature protection

## SPECIFICATIONS

|                        |                           |
|------------------------|---------------------------|
| Model                  | BOVA-402                  |
| Capacity               | 60 L                      |
| Temperature Range      | RT+5-210°C (250°C max)    |
| Temperature Accuracy   | 1°C                       |
| Temperature Uniformity | $\pm 2.0^{\circ}\text{C}$ |
| Temperature Resolution | $\pm 1^{\circ}\text{C}$   |
| Vacuum Degree          | < 133 Pa                  |
| Timer Range            | 1-9999 min                |
| Internal Dimension     | 310Wx310Dx320H mm         |
| Exterior Dimension     | 500Wx450Dx745H mm         |
| Shelves                | 2                         |
| Weight                 | 72/86 kg                  |
| Power                  | 1250 W                    |
| Power Supply           | 220V $\pm 10\%$ 50/60HZ   |



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada  
Email: [contact@biolabscientific.com](mailto:contact@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)