



**PT-422
INCUBATOR SHAKE**

PT-420 & PT-422

BOD (Biochemical Oxygen Demand) incubators are used for:

- Environmental Monitoring: Assessing the amount of oxygen required for microorganisms to break down organic matter in water samples.
- Microbial Cultivation: Providing controlled conditions for the growth and maintenance of bacteria and other microorganisms.
- Biological Research: Conducting experiments that require precise temperature and humidity control for microbial studies.
- Food and Beverage Industry: Testing the biological stability of products by incubating samples to assess microbial growth.
- Medical and Pharmaceutical: Storing biological samples and maintaining cell cultures under controlled conditions.

PT-420 BOD INCUBATOR WITH ORBITAL SHAKER

It is very suitable for orbital shaking, in variable speeds under controlled temperature.

Construction

The low temperature incubator is made of double walled M.S sheet finished with epoxy based powder coated paint, inner chamber is made of highly polished stainless steel. Two doors are provided. Inner door is made of transparent acrylic for inspecting specimens outer door is insulated and fitted with magnetic tape with lock and key. Temperature range from 5°C to 50°C with an accuracy of $\pm 1^\circ\text{C}$ provided with two air circulating fans, high performance compressor, cooling coils, heating elements, digital temperature control and display is also fitted with a door operated lamp and a caster wheel for easy mobility.

A variable speed regulator is provided on the top panel to control. The r.p.m of shaking tray fixed inside the chamber platform. It can accommodate of 16 flask of 250 ml.

Size of Shaking Incubator Chamber: 850mm x 600mm x 600mm (Height x Width x Depth)

(HSN Code: 84198990)

149500-00/-

PT-422 INCUBATOR SHAKER

Incubator Shaker to accommodate 16 flask of 250 ml. Provided with digital r.p.m indicator and Digital temp. cum controller stainless steel chamber Size 450 x 450 x 450 mm, fitted with variable controller

(HSN Code: 84198990)

85000-00/-