

# UNITHERM Bactron I & II

## Anaerobic Chamber

200 Plate Capacity



An economical anaerobic environment system with air lock module, a 490l workspace and a 200 plate of petri dishes capacity incubator divided into 4 chambers allows the Bactron II to deliver optimum productivity in a compact space. The operator has total command of the work area, yet enjoys sample bench space for efficient performance of all procedures requiring an anaerobic atmosphere.

Bactron systems have airtight construction of stainless steel and rigid plexiglas for unobstructed vision and integrity. The patented cuffs form a comfortable seal around the operators arms permitting bare hand manipulation of plates and specimens inside the working chamber, making work more comfortable and efficient.

Chamber atmosphere circulates through a condensate controller then through a catalyst which removes any trace amounts of oxygen. High relative humidity is maintained while condensate moisture is removed without the unnecessary dessicants, which can dehydrate media and samples. Each unit contains an integral vacuum pump to provide rapid evacuation of air from the air lock module for replacement by an inert gas mixture.

The following items are included as standard equipment with every SHEL LAB Bactron System:

- Vacuum Pump
- Interior Electrical Outlet
- Sleeve Assembly with Medium Cuff
- Illumination

A gas supply must be purchased separately.

Specifications	Bactron II	Bactron I
Petri Racks Included	8	6
Capacity for petri dishes	200	100
Working Chamber Volume in L	490	396
Incubator Volume in L	40	29
Temperature Range	5°C above ambient to 70 °C	
Temperature Uniformity	+/- 0.1°C at 37°C	
Illumination	Yes	
Electrical Specifications	230V/50-60Hz/1100W/9.17A	
Work. Ch. Int. Dim. WxDxH in cm	107 x 73 x 63	87 x 73 x 63
Airlock Int. Dim. WxDxH in cm	31 x 42 x 31 / 40 liters	23 x 32 x 23 / 17 liters
Exterior Dim. WxDxH in. cm	158.8 x 82.6 x 74.9	124.5 x 82.6 x 74.9
Weight	300kg	220kg