

# Incubator

## NSW-152

### B.O.D INCUBATOR (BIOCHEMICAL OXYGEN DEMAND) (LOW TEMPERATURE INCUBATOR – “CALTAN“) DELUXE AUTOMATIC

**APPLICATION:**

- Use in biology, botany, virology, Oceanography, Water pollution, Sewage, Agriculture and Food Research Laboratories.
- It is useful in the biological laboratory for the preservation of vaccines,
- It is used for enzymatic digestion process and in the physical or chemical laboratory for general low temperatures use.
- Document as per ICH guidelines like IQ, OQ, PQ, and DQ may be provided on request.

**CONSTRUCTION:**

- Insulation : 75mm puff insulation
- Double walled Inner chamber made of Anodized Aluminium.
- Outer chamber made of Mild Steel and painted in Epoxy Powder coating.
- 3 nos. of shelves
- Full view inner acrylic door and Outer metal door with Magnetic Gasket
- Uniform temp. is provided by 2 nos. air circulating Fan .
- Hermetically sealed compressor ( CFC FREE) with a fan cooled condensing coil



NSW-152 B.O.D DELUXE MODEL

**OPERATION:**

- Temp. Controlled by Microprocessed based Electronic Digital Temperature Controller cum Indicator from 5°C to 60°C and ± 1°C.

**CONTROL PANEL:**

- Provided panel at the top
- With 3nos. indicators for main heating and cooling
- With 3 steps Automatic Voltage Stabilizer (Voltage range 150V -280V AC).
- To work on 220/230V AC 50 Hz

**SIZE INSIDE CHAMBER:**

MODEL	SIZE (MM)			LTRS	RATING
	W	D	H		
LTD-S 2.6 Cu.Ft	415	430	425	75	3.0 KW
LTD-M 4 Cu.Ft	455	410	610	112	3.0 KW
LTD-1 6.1Cu.Ft	505	415	830	171	3.0 KW
LTD-2 10 Cu.Ft	570	415	875	285	3.0 KW
LTD-3 12 Cu.Ft	650	580	900	340	3.5 KW
LTD-4 15 Cu.Ft	700	640	900	425	3.5 KW

**OPTIONAL:**

- Inside chamber and shelves can be made of Stainless Steel 304 qty. instead of Anodized Aluminium to cost extra

**SIZE INSIDE CHAMBER:**

2.6 Cu.Ft

4 Cu.Ft

6.1 Cu.Ft

10 Cu.Ft

12 Cu.Ft

15 Cu.Ft