

**Gorgeous Architecture
First Rate Performance**

Equitron-BOD incubator, Classic series, is ideal for preservation of vaccines, study of synthesizing organisms, life cycle testing, shelf life studies, general incubation, refrigerated storage, cell culture process of animals and plants, microorganisms cultivation and desalting process of enzyme extract in Biology, Botany virology, Oceanography, Water pollution, Sewage, Agriculture, Food and Research departments.

equitron®

BOD INCUBATOR CLASSIC Series

With five decades of experience in the manufacture of laboratory medical instruments, EQUITRON BOD Incubator - Classic series - will deliver consistent and reliable performance.

The heater along with evaporating coil and the axial blower ensures gentle movement of air along with excellent control accuracy and uniformity across the chamber.

At the heart of the BOD is the PID temperature controller with timer which responds instantaneously as well as keeps the chamber temperature under control.

#7142-200x2



Dual Chamber with independent temperature controlling for both. Avoid to waste your precious table space. just double your capacity in same foot print.

#7142-91 to 600



Easy viewing of the load / samples without disturbing the chamber temperature due to second seamless door of tempered glass

Discourages bacteria breeding places and easy cleaning due to the crevice free frameless inner door and rounded corners in stainless steel chamber

Safe operation in case of dropped items within the BOD as bottom is solid and plain

Rust proof and efficient stainless steel wire mesh shelves. Shelves height adjustable in heights of 25 mm

Silicon gasket in door

High level uniformity due to the gentle internal circulation

Full height evenly spread chamber illumination

Excellent control accuracy with the PID temperature controller

Timer upto 9999

Electric overload safety with MCB

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Inbuilt validation port avoids gasket damage during validation

Independent over temperature safety

Abrasion resistance and durable finish by heat cured epoxy coating on steel exterior



SAFETY

Monitor samples without disturbing samples through the crevice free frameless, tempered inner glass door

Environment friendly CFC free hermetically sealed compressor

Independent absolute temperature overshoot alarm and cut off

Floating overshoot alarm

Electric overload safety



UTILITIES REQUIRED

Electric Supply: 230 VACm 50 Hz, single phase with an MCB of correct rating

Other Voltages / frequencies available on request

Well ventilated room: with space of at least one foot all around

Stabilise recommended

Ideal performance under ambient **dust free conditions** not exceeding 24°C

Technical Data

Model	Unit	#7142-091	#7142-150	#7142-250	#7142-400	#7142-600	#7142-200x2
Capacity	L (CuFt)	91 (3.2)	150 (5.3)	250 (8.8)	400 (14.1)	600 (21.3)	200 x 2 (7.0 x 2)
Inner dimensions (WxDxH)	mm	450 x 450 x 450	500 x 500 x 600	500 x 500 x 1000	600 x 600 x 1110	700 x 700 x 1230	600 x 600 x 550
Outer dimensions (WxDxH)	mm	640 x 840 x 1230	690 x 890 x 1380	690 x 890 x 1780	790 x 945 x 1890	890 x 1115 x 1940	800 x 970 x 1970
Shelves	nos	2	2	3	3	4	2 x 2
Heater power	kW	0.8	1	1	1.2	1.4	1 x 2
Electric supply	-	230 VAC, 50 Hz, single phase					
Temperature range	°C	+ 5 to 60					
Timer	min	0 to 9999					
Control accuracy	°C	± 0.5					
Packing Dimensions (WxDxH)	mm	920 x 790 x 1500	970 x 840 x 1650	970 x 840 x 2010	1070 x 910 x 2160	1150 x 1070 x 2160	910 x 1070 x 2200
Gross Weight / Vol	kg / m ³	134 / 1.09	162 / 1.34	195 / 1.64	255 / 2.10	280 / 2.79	295 / 2.14

Optional

Model	Product	Description	Outer Dimensions	Packing Dimensions	Gross Weight	Volume
#S2090-69	Stabiliser	2.5 kVA	290 x 270 x 165 mm	440 x 400 x 330 mm	15 kg	0.06 m ³



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