



Great Innovations to Protect

CAT. NO.	DESCRIPTION OF ITEM	PRICES (PER UNIT) IN RUPEES
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deg C to 250 deg C which is controlled by Electronic digital temperature controller cum indicator with an accuracy of + -1 deg C. Complete with stirrer, diffuser shelves, and stainless steel cover. To work on 220/230 V AC.

**Size inside chamber**

250 x 250 x 250 mm	27300/-
300 x 300 x 250 mm	29300/-
350 x 350 x 250 mm	41300/-

**OPTIONAL ACCESSORIES**

Microprocessor PID digital temperature indicator-cum-controller	8000/-
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**STAR-22 WATER BATH INCUBATOR SHAKER (METABOLIC SHAKING INCUBATOR)**

It is a double walled unit with inside made of thick S.S. sheet and outer of M.S. sheet duly enamel painted. The pyramid lid made of S.S. prevents falling of condensed water droplets on the specimens. Heating is achieved through a immersion type heater and the temperature is controlled by thermostat hydraulic type thermostat with an accuracy of +-0.5 deg C. The bath has an oscillating tray riding on ball rollers oscillated through a geared variable speed motor. Shaking speed range is between 40 to 140 cycles per minute. The shaking tray can either hold test tubes or erlynmeyer flasks of 25 ml or 50 ml or 100 ml or 150 ml or 500ml or 1000ml. as ordered by the users. (Kindly mention the capacity of the flasks while ordering). Supplied complete with one shaking tray, pyramidal cover, L-shaped thermometer cord and plug, to work on 220/230 volts A.C. supply. Available with heating arrangement only (having temperature range from ambient to 100 deg C) or with both heating and cooling arrangement (having temperature range from 5 deg C to 100 deg C with digital temperature indicator cum controlled with an accuracy of +-1 deg C.



STAR-22

Shaking tray size inside S.S.	With Heating	With Heating & Cooling
275 x 275 x 150 mm	38800/-	92000/-
405 x 300 x 150 mm	48900/-	106300/-

**Stainless steel shaking racks**

To hold	No.	Capacity	Flask Type	Price
To hold	16 Nos.	25 ML	Conical Flask	2000/-
To hold	12 Nos.	50 ML	Conical Flask	2000/-
To hold	9 Nos.	100 ML	Conical Flask	2000/-
To hold	5 Nos.	250 ML	Conical Flask	2000/-
To hold	4 Nos.	500 ML	Conical Flask	2000/-
To hold	2 Nos.	1000 ML	Conical Flask	2000/-
To hold	25 Nos.	25mm dia test tubes	Conical Flask	2000/-

**STAR-23 WATER BATH ORBITAL SHAKER 148000/-**

“SPACE TIME” shaker are fabricated out of double walled construction, inner walls are made of stainless steel & the outer walls are made of thick best quality mild steel duly powder coated. To prevent any heat loss the gap between inner & outer walls are filled with thick glass wool insulation. Door is made of thick transparent double walled glass/acrylic with best quality hinges handle etc. Temp. can be maintained from the range of from 5 to 90 deg C with accuracy of +-1.0 deg C and is digitally controlled by digital temperature indicator cum controller with PT-100 sensor. This controller is fitted with time delay relay to control the accuracy in maintaining the temperature. Cooling is done with ISI mark compressor of EMERSON or any other standard make which is connected to thick copper coils placed in the rear of the chamber through condenser, fan motor, capacitor, relay etc. whole cooling unit is placed below the main chamber in a G.I. housing, Heating is done with ISI mark strip type heaters placed near the cooling coils. Air is circulated by ISI mark silicon binded motor which is connected to balanced blower. Whole unit is mounted on castor wheels. Tray size is 400x400 mm. The control panel is fitted with on/off switch, indicators, digital controllers, tachometer etc. Shaking is done with 1/4 H.P. motor (brushless induction) with shaking speed of 20-250 rpm, controlled by step less electronic frequency controller with digital tachometer i.e. speed is controlled by digital speed indicator cum controller. The shaker is fitted with universal S. Steel platform to



STAR-23