

ESTEEM INDUSTRIES INC.

ESTEEM INCUBATORS



THE ESTI- 101ESTEEM INCUBATORS

The perfect choice for reliable day to day operation in variety of uses. Drying of slides, paraffin embedding, tissue culture work, incubation of antibody test, excellent for Microbiological determination etc.

CONSTRUCTION

Incubators are sturdy, double walled construction with complete inner chamber made of Anodized Aluminium or Highly Polished Stainless Steel. Outer chamber is made of Mild Steel Sheet, duly pretreated and finished with durable. The 65mm gap between the walls is filled with special grade insulation material for proper insulation and to avoid heat losses. Inner chamber fabricated with ribs for adjusting shelves to convenient height. Supplied with 2 or 3 removable shelves. Shelves are made of expanded metal in case of Alum. Chamber or of S.S. Sheet. It has two doors. The outer door is insulated and is fitted with heavy hinges. Inner door is made of glass panel mounted in a wooden frame to facilitate inspection of samples, without disturbing the chamber temperature.

HEATING ELEMENTS

Heating elements, made of high grade imported nichrome wire are insulated inside the porcelain beads and placed at the bottom and side ribs for uniform temperature all over the space.

TEMPERATURE CONTROL

Temperature is controlled by imported capillary type thermostat from 5°C above ambient to 60°C $\pm 0.5^\circ\text{C}$. Temperature control knob is graduated in centigrade degrees after actually observing the temperature in steady state.

VENTILATION

Air ventilators port are provided on sides at top for ventilate fumes & to assist convection process.

CONTROL PANEL

The equipment is provided with a panel having a thermostat control knob, ON/OFF switch and indicating light.

POWER REQUIREMENT

Supplied with cord and plug. Suitable to operate on 220 V single phase, 50 Hz, AC supply.

SIZE OF INNER CHAMBER :

W × H × D	No. of Shelves
300 × 300 × 300 mm	2
355 × 355 × 355 mm	2
455 × 455 × 455 mm	2
455 × 605 × 455 mm	3
605 × 605 × 605 mm	3
605 × 910 × 455 mm	3
605 × 910 × 605 mm	3

OPTIONAL ACCESSORIES

- Air Circulating Fan.
 - Digital Display Temp. Indicator.
 - Digital Display Temp. Controller-Cum-Indicator in lieu of thermostat.
 - Micro Processor based PID temp. controller-cum-indicator in lieu of thermostat.
 - Timer
- Spare :- Thermometer.

ESTI-102 ESTEEM TRAY DRYER

All the specifications are Same as ESTI-101 but with aluminium trays & M.S. Trolley.

Size of Inner chamber :-

W × H × D	Tray	Load
430 × 840 × 915 mm	12	4 kw
915 × 840 × 915 mm	24	6 kw
965 × 1275 × 1450 mm	48	10 kw
965 × 1700 × 1700 mm	96	20 kw

ESTI-103 ESTEEM INCUBATOR BACTERIOLOGICAL

True to their name Incubator Bacteriological (Mettler type) got recognised by Bureau of Indian Standards for the FIRST TIME IN INDIA and now carries ISI mark. The perfect choice for reliable day to day operation in variety of uses. Drying of slides, paraffin embedding, tissue culture work, incubation of antibody test, excellent for Microbiological determinations, crystallization studies and Incubation of hydroxy steroids.

CONSTRUCTION

Incubators are sturdy, with double walled construction with complete inner chamber made of Anodized Aluminium or Highly Polished Stainless Steel. Outer chamber is made of Mild Steel Sheet, finished with powder coated paint. 75 mm gap between the walls is filled with special grade glass wool for proper insulation and to avoid heat losses. Inner chamber fabricated with ribs for adjusting shelves to convenient height. Supplied with 2 or 3 removable shelves. SHELVES are made of fully Anodized Aluminium Sheet or Polished Stainless Steel Sheet as per chamber. Door is insulated & fitted with heavy hinges. Door has Double glass window which facilitate inspection of samples without opening the door. Heating elements, made of high grade imported nichrome wire are put inside the porcelain beads and placed at the bottom and side ribs

for uniform temperature all over the space.

TEMPERATURE CONTROL

Temperature is controlled by imported capillary type thermostat from ambient to 80°C. Temperature control knob is graduated in centigrade degrees after actually observing the temperature in steady state. An L-shaped prismatic glass Thermometer is fitted on top of the Incubator for reading the chamber temperature.

VENTILATION

Air ventilators are provided on both sides at top to flue away any gas or fumes.

CONTROL PANEL

The equipment is provided with a panel having a thermostat control knob, ON/OFF switch and two pilot lamps. Power Requirement :- Supplied with cord and plug suitable to operate on 220 V single phase, 50 Hz, AC supply.

SIZE OF INNER CHAMBER

W × H × D No. of Shelves

300 × 300 × 300 mm 2

355 × 355 × 355 mm 2

455 × 455 × 455 mm 2

455 × 605 × 455 mm 3

* 605 × 605 × 605 mm 3

* 605 × 910 × 455 mm 3

* 605 × 910 × 605 mm 3

* These sizes are provided with air circulating fan as standard feature.

OPTIONAL ACCESSORIES

- Timer
- Air Circulating Fan
- Digital Indicator in lieu of L-shaped thermometer.
- Digital Indicator – cum – Controller Electronic in lieu of L-shaped thermometer & thermostat.
- Micro processor based PID Temp. controller-cu-indicator in lieu of thermostat & L-shaped thermometer.

VISIT US : WWW.ESTEEM.IND.IN

E-MAIL : INFO@ESTEEM.IND.IN

AUTOCLAVES & STERILIZERS

EST A - 106 ESTEEM AUTOCLAVE –VERTICAL



High pressure, electrically heated vertical steam sterilizer is used for sterilization of surgical instruments, dressing material, linen, rubber, plastic material by means of saturated steam under pressure of 15 to 20 psi. (adjustable) Apart from health services it is also used in scientific research institutions and universities. Sturdy double walled construction with boiler/inner chamber made of stainless steel of 18 SWG 304 sheet. Outer shell is made of mild steel finished with powder coated paint. The boiler and outer shell is provided with air insulation. Lid is made of stainless steel plate and is tightened all-around by wing nuts/radial arms. Molded, joint less gaskets are made of silicon rubber. Sterilizer is hydraulically tested up to 40 psi. Autoclaves are fitted with water level arrangements to indicate water position inside the boiler, pressure gauge, Air/steam release cock, spring loaded safety valve which can be set at any selected point from 10 psi. to 20 psi \pm 3 psi. and drain. ISI marked immersion type heating

element heats the water and steam to desired temperature and pressure. Supplied complete with S.S. basket, cord and plug to work on 220 Volts, 50 cycles AC supply.



ESTA-105 ESTEEM AUTOCLAVE (PORTABLES STERILIZER EXPORT)



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he body is constructed of S.S 304/316 as per ESTA105 but supplied automatic Digital temp. Controller cum indicator.

EST A - 106A ESTEEM AUTOCLAVE VERTICAL (DELUXE MODEL)



As per IS: 3829 - III, 1985 (REAFFIRMED 2001) The construction as per ESTA-106 but the unit comprises of steam jacket electrically heated inner lid made of stainless steel work on 3-phase 440A/C 50HZ supply fitted with automatic pressure control switch safety valve etc Chamber: - The chamber is made of 16SWG304 SS. Pressure gauge, water outlet valve and air inlet valve, SS steam condenser, tube with SS eject valve. Steam Generator: - The steam generator is made out of SS heavy gauge fitted with pressure gauge and water draining valve. Outer cover: - The outer cover is made out of SS duly insulated with high density mineral wool from the inner chamber and fitted with stable legs. Principle:- The steam generates from the jacket and gets condensed by the help of the eject valve which goes through condensing tube the dry steam gets into the chamber to penetrate into the packs contained in the chamber.

EST A - 106B ESTEEM AUTOCLAVE VERTICAL (EXPORT MODEL)



The autoclave is an export model heaving the facility of automatic digital controller cum indicator. with safety pressure switch. The top lid and other portion made of SS304/gun metal duly chrome plated which gives a look to match any world class autoclave in finish as well as in quality. the equipment is as per the design and fabrication of Daigger. This autoclave is as per the specifications laid down by ASTM USA. This equipment has been Manufactured by us first time in India & the same has been supply to Gulf countries.

PAYMENT TERMS COMMON FOR ALL THE ABOVE MENTIONED MODELS

PAYMENT TERMS :

Who are our Bankers and what are our Banking particulars?

Who are our Bankers and what are our Banking particulars?

Our Bankers are:

Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.
SWIFT CODE: UBININBBCHA

Esteem Industries INC. A/C No.: 398905010050309

May you like to Transfer Payment (T/T) to us, then depending upon the currency of remittance kindly choose one of the following methods:

PAYMENT PROCEDURE FOR USD \$

PAYMENT PROCEDURE : For making SWIFT Transfer payment of US\$ _____, please give the following information to your bank:

Intermediary Banks:

1. Citibank. New York ,Swift code: CITIUS33
2. Bank of America. New York, Swift code: BOFAUS3N
3. Bank of New York. New York, Swift code: IRUTUS3N
4. Standard Chartered Bank. New York, Swift code: SCBLUS33
5. JP Morgan Chase Bank. New York, Swift code: CHASUS33
6. American Express Bank. New York, Swift code: AEIBUS33

Beneficiary Bank:

Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.
Swift Code: UBININBBCHA
Beneficiary: Esteem Industries INC

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

PAYMENT PROCEDURE FOR GBP £

PAYMENT PROCEDURE : For making payment of Sterling Pound £ _____, please give the following information to your bank:

Intermediary Banks:

1. National Westminster Bank. London, Swift code: NWBKGB2L
2. HSBC London (Midlands), Swift code: MIDLGB22

Beneficiary Bank: Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.
Swift Code: UBININBBCHA

Beneficiary: **Esteem Industries INC**

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

PAYMENT PROCEDURE FOR EURO

PAYMENT PROCEDURE : For making payment of Euro_____, please give the following information to your bank:

Intermediary Bank:

1. Commorz Bank Dusseldorf Germany, Swift code: COBADEDD
2. Bank commercial Italiana, Swift code: BCITITMM
3. Societe Generale Paris, Swift code: SOGEFRPP
4. ABN Amro Bank. Amsterdam, Swift code: ABNANL2A

Beneficiary Bank: Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.

Swift Code: UBININBBCHA

Beneficiary: **Esteem Industries INC**

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

Note: Please make sure we are INFORMED before and after sending any payment to our Bank Account.

