



# MEDICAL & HEALTHCARE LAB EQUIPMENTS



# About us

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TEMPO Instruments Pvt. Ltd is an ISO 9001:2008 certified manufacturer of high quality and innovative Microbiology Laboratory equipments & Scientific Equipments to the global market. Major product lines include Ovens, Furnaces, Incubators, Stability Chambers, Lab Refrigerators, Deep Freezers, Constant / Cryo Bath, Hot Plates, Soxhlet Extraction Heaters, Water Bath etc. Incorporated in 2008, Tempo utilizes manufacturing expertise to aggressively pursue new product opportunities that add value to our customer's portfolio. TEMPO markets a complete line of products under TEMPO brand, which complement our OEM manufacturing capacities.

Over the past years TEMPO has worked with industry leaders to design solutions for production and research needs across the entire constant temperature / environment spectrum. TEMPO has been designing and manufacturing equipment for the pharmaceutical research

TEMPO's reputation has been built on innovation, high quality, and long term partnering.

TEMPO focuses to provide economical equipments to Research institutions, Universities & colleges & manufacturers in industries such as electronics, Pharmaceuticals etc.

TEMPO has also established its manufacturing facility at Mira Road, Dist. Thane. The infrastructure is facilitated with sophisticated fabrication, Electrical & Wiring Department, Refrigeration Department, Quality control with trained personnel.

TEMPO's design team is led by veterans able to capitalize on 20 years of industry knowledge. The breadth of line and depth of product configuration available in our current portfolio serves as a benchmark for this team's accomplishments and creativity.

We have the ability to operate twenty-four hours per day with our staff of highly skilled and long-term manufacturing personnel. Our highly skilled work force consistently and rigorously tests their work.

The employee of TEMPO understands the demanding environment our products face. They are committed to delivering the highest quality products and service possible. Even so, every product undergoes a final quality inspection before shipment and records are kept on every serial number, so each associate can be accountable for their work.

Tempo Instruments Pvt Ltd

## LAB REFRIGERATOR

- Temperature Range 2°C above ambient to 8°C
- Digital PID Temperature Controller
- CFC Free hermetically sealed Emerson Copland make compressor
- Temperature deviation alarm will active & give audio visual alarm
- Full view Acrylic door / Glass Door with gasket to view samples inside the chamber
- Fiber/PU wheel with front lockable for easy movement

MODELS	CAPACITY LITERS	INTERNAL SIZE DIA. X HT. CM	TRAYS
TI - 810	100	50 x 50 x 40	2
TI - 811	170	70 x 60 x 40	2
TI - 812	200	60 x 60 x 40	2
TI - 813	285	80 x 60 x 60	3
TI - 814	325	90 x 60 x 60	4



## STERILISERS

- Temperature Range - 5°C above ambient to 225°C
- Digital PID Temperature Controller
- Optional - Double tempered glass window within the main door

MODELS	CAPACITY LITERS	INTERNAL SIZE DIA. X HT. CM	TRAYS
TI - 128 A	43	35 x 35 x 35	2
TI - 128 B	91	45 x 45 x 45	2
TI - 128 C	122	60 x 45 x 45	3
TI - 128 D	216	60 x 60 x 60	3
TI - 128 E	324	90 x 60 x 60	4



## UNIVERSAL OVEN

- Temperature Range - 5°C above ambient to 300°C
- Digital PID Temperature Controller
- Optional - Double tempered glass window within the main door

MODELS	CAPACITY LITERS	INTERNAL SIZE DIA. X HT. CM	TRAYS
TI - 130 A	43	35 x 35 x 35	2
TI - 130 B	91	45 x 45 x 45	2
TI - 130 C	122	60 x 45 x 45	3
TI - 130 D	216	60 x 60 x 60	3
TI - 130 E	324	90 x 60 x 60	4



## BACTERIOLOGICAL INCUBATOR

- Temperature Range - 5°C above ambient to 60°C
- Digital PID Temperature Controller
- Full view Acrylic door / Glass Door with gasket to view samples inside the chamber.
- Fiber/PU Wheel with front lockable for easy movement.

MODELS	CAPACITY LITERS	INTERNAL SIZE H X W X D CM	MAX NO. OF TRAYS
Table Top Models			
TI - 90 A	43	35 x 35 x 35	2
TI - 90 B	91	45 x 45 x 45	2
Floor models with Wheels			
TI - 90 C	100	50 x 50 x 40	2
TI - 90 D	170	70 x 60 x 40	2
TI - 90 E	200	60 x 60 x 60	2
TI - 90 F	285	80 x 60 x 60	3
TI - 90 G	325	90 x 60 x 60	4



## BLANKET WARMER

- Temperature Range - 5°C above ambient to 80°C
- Digital PID Temperature Controller
- Full view Acrylic door / Glass Door with gasket to view samples inside the chamber.
- Fiber/PU Wheel with front lockable for easy movement.

MODELS	CAPACITY LITERS	INTERNAL SIZE H X W X D CM	MAX NO. OF TRAYS
Table Top Models			
TI - 91 A	43	35 x 35 x 35	2
TI - 91 B	91	45 x 45 x 45	2
Floor models with Wheels			
TI - 91 C	100	50 x 50 x 40	2
TI - 91 D	170	70 x 60 x 40	2
TI - 91 E	200	60 x 60 x 60	2
TI - 91 F	285	80 x 60 x 60	3
TI - 91 G	325	90 x 60 x 60	4



## BIO-SAFETY CABINET –CLASS II TYPE A2

- Provides Class 100 Air quality
- Microprocessor based LCD display with membrane touch keypad
- Analog pressure gauge for pressure display
- Estimated life counter for U.V. light & HEPA filter

Model	Working Size w x d x h (in feet)
TI- 53A - BSC	2 x 2 x 2
TI- 53B - BSC	3 x 2 x 2
TI- 53C - BSC	4 x 2 x 2



## LAMINAR AIR FLOW

- Provides Class 100 Air quality
- Noise level less than 65 db
- Alarms for Incorreccted sash position & Clogging of HEPA filter
- Estimated life counter for U.V. light & HEPA filter Microprocessor based
- LCD display with membrane touch keypad
- Optional Air velocity sensor

Model	Working Size w x d x h (in feet)	Hepa Filter	Pre Filter
TI- 51A -VLAF	2 x 2 x 2	1	1
TI- 51B -VLAF	3 x 2 x 2	1	1
TI- 51C -VLAF	4 x 2 x 2	1	1



## PEDAL FREE / TRIPPLE WALL SURGICAL AUTOCLAVE

- Vertical double walled design, has single chamber for Steam & water
- Lid. flange & bottom sheet also made of S.S all joints Argon welded.
- Joint less silicon Gasket. Heavy duty industrial flange heater.
- Operating Temperature & Pressure – 121°C & 15 PSI (134°C & 30 PSI also available)
- Optional –
  - Data logging & Printing facility
  - 21 CFR Part 11 Software
  - Digital Pressure Indicator
  - Safety Pressure Switch

Model	Capacity (Liter)	Internal Size Dia. x Ht. (cm)	Rating (kw)
TI - 123 A	22	25 x 45	1.5
TI - 123 B	35	30 x 50	2.0
TI - 123 C	53	35 x 55	3.0
TI - 123 D	95	45 x 60	4.0
TI - 123 E	119	45 x 75	4.5
TI - 123 F	178	55 x 75	6.0



## RADIAL LOCKING AUTOCLAVE

- Vertical double walled design has single chamber for steam & water
- Top lid with Radial locking & foot lifting facility
- Lid is tightened by Radial Locking system fitted through a pedal lifting
- Lid flange & bottom sheet also made of S.S. all joints Argon welded
- Joint less silicon gasket. Heavy duty industrial flange heater
- Lid fitting pressure gauge 0-30 PSI, safety spring loaded pressure valve, steam release valve

Model	Capacity (Liter)	Internal Size Dia. x Ht. (cm)	Rating (kw)
TI - 125 RLB	35	30 x 50	2.0
TI - 125 RLC	53	35 x 55	3.0
TI - 125 RLD	95	45 x 60	4.0
TI - 125 RLE	119	45 x 75	4.5
TI - 125 RLF	178	55 x 75	6.0



## DEEP FREEZER

- Temperature Range -10°C to -20°C / -30°C to -40°C
- Standard & Fully S.S. Construction
- Digital PID temperature controller

MODELS (-20°C)	CAPACITY LITERS	INTERNAL SIZE H X W X D CM	MAX NO. OF TRAYS
TI - 821	100	50 x 50 x 40	2
TI - 822	170	70 x 60 x 40	2
TI - 823	200	60 x 60 x 60	2
TI - 824	285	80 x 60 x 60	3
TI - 825	325	90 x 60 x 60	4
TI - 826	400	100 x 60 x 60	4
TI - 827	500	105 x 70 x 70	4

MODELS (-40°C)	CAPACITY LITERS	INTERNAL SIZE H X W X D CM	MAX NO. OF TRAYS
TI - 831	100	50 x 50 x 40	2
TI - 832	170	70 x 60 x 40	2
TI - 833	200	60 x 60 x 60	2
TI - 834	285	80 x 60 x 60	3
TI - 835	325	90 x 60 x 60	4



## CONSTANT TEMPERATURE WATER BATH / THAWING BATH

- Temperature Range - 5°C above ambient to 90°C.
- Digital PID Temperature Controller
- Top mounted pyramidal removable lid.

MODELS	CAPACITY (LITERS)	INTERNAL SIZE (L X W X H CM)
TI - 601	14	30 x 30 x 15
TI - 602	20	45 x 30 x 15
TI - 603	30	44 x 38 x 18
TI - 604	40	45 x 30 x 30
TI - 605	50	45 x 35 x 30



## WATER BATH

- Standard & Fully S.S. Construction
- Temperature Range - 5°C above ambient to 95°C
- Drop on lid and rings
- 6 Or 12 Holes of 75 mm Dia.
- Digital PID Temperature Controller

MODELS	INNER DIMENSIONS L X W X D CM	RATING
TI - 241 A	35 x 25 x 10 with 6 holes of 7.5 cm dia	1.0 KW
TI - 241 B	40 x 30 x 10 with 12 holes of 7.5 cm dia	1.5 KW



## SHAKER WATER BATH

- Standard & Fully S.S. Construction
- Temperature Range - 5°C above ambient to 60°C
- Shaking Speed 40 to 120 RPM
- Digital PID temperature controller
- Digital RPM

MODELS	CAPACITY LITERS
TI - 242 A	9 flask of 100ml
TI - 242 B	12 flask of 250ml



## HOT PLATE

- Cast Iron top
- Temperature Range - Maximum surface Temperature 300°C
- S.S. Hot plate available

Model	Diameter in cm	Rating KW	Temperature Controller
TI- 70 TCA	25 x 40	1.2	With Thermostat
TI- 70 TCB	30 x 45	2.0	With Thermostat
TI- 70 TCC	45 x 60	3.0	With Thermostat



# TEMPO INSTRUMENTS PVT. LTD.



ISO 9001:2015



ISO 13485:2012



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