



Laboratory Instruments

- Magnetic Stirrers & Hot Plates
- Overhead Stirrers & Homogenizers
- Laboratory Centrifuges
- Laboratory Mixers & Shakers
- Water Bath & Dry Bath Incubators
- Rotary Vacuum Evaporator
- Vacuum Pump & Peristaltic Pumps
- Laboratory Oven & Incubators
- Vertical Autoclave & Muffle Furnace
- Laboratory Refrigerators & Freezers
- Laminar Air Flow Cabinet
- Biosafety Cabinet
- Laboratory Fume Hood

TOPLAB INDIA PVT. LTD.

“Serving Science with Solution”

www.toplabindia.com | info@toplabindia.com



Magnetic Stirrer



TOP-Stirrer

- Max. Stirring Cap (mL): 00 ~ 2000 ml
- Speed Range (rpm): 00 ~ 2000 rpm
- Plate Dimensions (W x L): 150 * 180 mm
- Speed Control: Knob (Turn for Speed)
- Speed Stop: Push Stop Button
- Motor: Brushless DC motor
- Weight: 600 gm
- Protection Class: IP21
- Power Supply: AC 220V/50Hz

Magnetic Stirrer with Hot Plate



TOP-350HS

- Digital LCD Ceramic Hot Plate Magnetic Stirrer
- Working Function: Stirring, Heating & Timer
- Top Plate Dia. (mm): 142 x 142 mm
- Heating Temp Range (°C): RT+5°C ~ 350°C
- Rotating Speed (rpm): 200 ~ 1600 rpm
- Timer Range: 1min-99h59min/∞
- Max. Capacity (Litre): 5 Litre
- Top Plate Material: Ceramic, Heating Power: 500W
- Input Voltage: AC200V – 240V 50/60Hz

Multi-Position Magnetic Stirrer Hot Plate



TL-400HSD
TL-600HSD

- Functions: Stirring & Heating
- Number Position: 4 & 6-Position
- Display Mode: LED Digital
- Top Plate Temp. Range(°C): 50 ~ 300°C
- Solvent Temp. (°C): 40 ~ 300°C
- Safety Temp.(°C): 350°C
- Stirring Speed Range: 0 ~ 1500/2000 rpm
- Max. Stirring Capacity(mL): 4 * 2L
- Top Plate Material: Ceramic / SS 304
- Power Supply: AC220V, 50/60Hz

Digital Hot Plate



TL-200HP

- Display Mode: LED Display
- Top Plate Temp. Range (°C): 50 ~ 300°C
- Solvent Temperature (°C): 40 ~ 300°C
- Temperature Stability (°C): ±2°C
- Power (W): 680W
- Hot Plate: Ceramic Coated
- Top Plate Dia.: 170 x 170 mm
- Dimensions (W x L): 225 x 215 x 115mm
- Power Supply: AC V220, 50/60 Hz

Overhead Stirrer



TOPSTAR-20/40

- Display Speed : LED Digital, Control Mode : Knob Control
- Speed Range: 0 ~ 1500 rpm, Speed Accuracy: ±2 rpm
- Maximum Capacity (Litre)H2O : 20 Litre / 40 Litre
- Maximum Viscosity (mPas) : 10000 mPas 20000 mPas
- Chuck range max. Diameter (mm) : 0.5 - 10 mm
- Protection Class : IP42
- Stirring Rod Size (mm) : Ø5 x 250 mm (Stainless Steel)
- Power (W) : 200 W, Input Power Supply : V220AC/50 Hz

High Speed Homogenizer



TL-100H

- Speed Range (rpm): 8,000 ~ 30,000 rpm
- Speed Setting: 1,2,3,4,5,6, Max (7 Speed Steeples Regulation)
- Process Volume (ml): 0.5 ~ 50ml / 1 ~ 100ml / 10 ~ 250ml
- Input/output Power: 180 W / 120 W
- Max. Viscosity: 5,000 mPa-s
- Contact Material: SS316 Stainless Steel
- Max. Circum. Speed: 6.3 ~ 14 m/Sec
- Power supply: AC220V, 50Hz

Digital High Speed Homogenizer

TL-500D



- Speed Range (rpm): 500 ~ 30000 rpm
- Display: Digital LED
- Process Volume: 10 ml – 40000 ml (40 Liter)
- Applicable Aggregates: $\varnothing 4 \sim \varnothing 23$ mm
- Speed Control: Intelligent variable speed control Knob
- Contact Material: 316L Stainless Steel / PTFE
- Max. Circum. Speed: 32 m/Sec, Max. Viscosity: 10,000 cps
- Input Power: AC220V, 50/60Hz

Laboratory Mini Centrifuges

TOP-MiniSpin



- Speed Range (rpm): 6000 rpm / 8000 rpm
- Max. RCF: 2680xg, 2980xg
- Time Function: Yes (0 – 9999 min)
- Max. Capacity: 8 Tubes x 1.5ml / 2.0ml
- 2 x PCR strips (8 x 0.2 ml)
- Display: Timer on LED display, Motor: AC brushless motor
- Operating temperature: 5°C ~ 40°C
- Power supply: AC240V, 50-60Hz

Laboratory Centrifuges (Low Speed)

TOP-Spin



- Speed Range (rpm): 4000 rpm
- Max. RCF: 2434 xg
- Speed Accuracy: ± 15 rpm
- Max. Capacity: 20ml x 6/12 Tubes
- Timer Range: 00 ~ 9999 min
- Motor: Brushless DC motor
- Working Noise: ≤ 56 dB
- Power Supply: AC220V/ 50 Hz

Refrigerated High Speed Centrifuge

TOP-HighRefrigSpin



- Speed Range (rpm): (18,500 / 20,500) rpm
- Max. RCF: 23,900 x g, 28,200 x g
- Temp. Range: -20°C ~ 40°C, Temp. Accuracy: $\pm 1^\circ\text{C}$
- Max. Rotor Capacity: 16 x 1.5/2.2ml, 24 x 1.5/2.2ml,
- 4x8x0.2ml PCR, 16x10ml (Bucket), 2x2x48 (Plate Rotor)
- Run Time Range: 1min ~ 99min
- Display: LCD Time and Speed display
- Power Supply: AC240V/50-60Hz

Vortex Mixer (Mini Vortex Mixer)

TOP-Mini-Vortex



- Speed range: 0 ~ 3000rpm
- Type of movement: Orbital
- Operation: Continuous + Adjustable Speed
- Orbit: 4.5mm
- Max test tube size: $\varnothing 30$ mm / $\varnothing 99$ mm
- Max. load: 0.1kg
- Motor Power: 12W
- Voltage: AC 220V 50/60Hz
- Net Weight: 500 gm

Digital Vortex Mixer

TOP-Digi-Vortexer



- Speed range: 1000 ~ 2800 rpm
- Speed Display: Digital LED
- Timer Range: 0Sec ~ 99m59Sec
- Run mode: Touch operation/Continuous
- Type of movement: Orbital
- Orbit diameter: 3mm
- Motor Type: Brushless DC motor
- Max. load: 1.0kg
- Voltage: AC 220V 50/60Hz

Orbital Shaker



TOP-10-OS
TOP-20-OS

- Shaking Speed Range: 50 ~ 300rpm
- Speed Increment: 1 rpm, Or,bit: 20mm (Circle)
- Operation Time: Continuous
- Timer: 1min ~99h59min(Optional)
- Speed Display: LCD Digital display
- Max. Load Capacity: 2.5 Kgs, Controller: PID Controller
- Platform dia. (mm): 240 x 240mm
- Voltage (V/Hz): AC 220V, 50/60Hz

Incubator Shaker



TOP-20-IS
TOP-30-IS

- Shaking Speed Range: 50 ~ 250 rpm
- Orbit: 20mm (Horizontal amplitude)
- Temp. Control Range: RT+5°C ~ 60°C
- Timer range: 1min ~ 99h59min,Temp. Accuracy: $\leq \pm 0.5^{\circ}\text{C}$
- Speed/Timer display: LED Digital Display
- Controller: PID Controller
- Interior Material: Stainless Steel (SS304)
- Platform dimension: 350 x 350mm
- Voltage (V/Hz): AC 220V, 50/60Hz

Refrigerated Incubator Shaker



TOP-300RIS

- Speed Range: 00 ~ 300 rpm
- Orbit: 20mm (Orbital)
- Temp. Control Range: 4°C ~ 60°C
- Timer: 1min ~ 99h59min or continuous
- Temp. Stability: $\leq \pm 0.3^{\circ}\text{C}$
- Temp. Accuracy: $\pm 0.1^{\circ}\text{C}$
- Speed/Timer/Temp. Display: Digital LED
- Controller: PID Controller
- Interior Material: Stainless Steel (SS304)
- Input Voltage: AC 220V, 50/60Hz

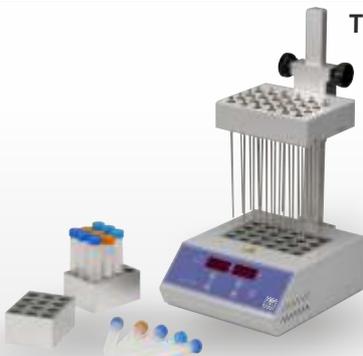
Ultrasonic Bath (Sonicator)



TL-xxEFD

- Capacity (Litre): 2L, 3L, 4L, 5L, 6L, 10L, 14L, 22L, 27L
- Temp. ($^{\circ}\text{C}$): RT to 80°C
- Frequency (kHz): 40 / 59 kHz
- Timer (min): 1 - 99min
- Type: Digital LED
- Working Power : 40 - 100%
- Power: AC220V, 50/60Hz

Sample Concentrator



TL-200C-1BL

- Temp. Control Range: RT.+5°C ~ 160°C
- Time Range: 1~ 99h59min/ ∞ (continuous)
- Heating Time: ≤ 15 min (25°C to 160°C)
- Max. Vertical Travel: 200 mm, Needle Length :150mm
- Gas Flow Rate :0 ~15L/min, Needle Plate Max. Lift Strok: 285mm
- Gas-in Joint Outer Dia: $\Phi 7$ mm
- Sample Capacity: 1 pcs standard block
- Power Voltage: AC220V /50~60Hz

Dry Bath Incubator



TL-200DH

- Temperature Range: RT.+5°C~110°C
- Temp Accuracy: $\leq \pm 0.3^{\circ}\text{C}$ (@37°C*)
- Display Accuracy: 0.1 °C
- Temp Accuracy: $\pm 1^{\circ}\text{C}$ (@100°C)
- Temp Uniformity: $\pm 0.5^{\circ}\text{C}$
- Display Accuracy: 0.1°C
- Time Range: 1min ~ 99h59min/ ∞
- Heating Time: ≤ 15 min (From 25°C to 110°C)
- Block Quantity: 1 Pcs (Max. 4 Pcs)
- Max Power: 500W
- Voltage: AC220V, 50/60Hz

Water Bath

TL-WBR



- Construction: Single Walled / Double Walled
- Capacity: 8 /15 Liters
- No. of holes: 6 /12
- Holes Dia. : 75 mm
- Temperature range: RT +5°C to 100°C
- Temperature Sensitivity: ±0.5°C or better
- Temperature Sensor: PT-100
- Temperature Accuracy: ±0.5°C
- Power: 220 V / 50 Hz

Digital Shaking Water Bath

TL-30DSWB



- Display: Digital LCD Display, PID Controller
- Chamber inner Volume: 30 Liter
- Temperature Range: RT +5°C to 100°C
- Temperature Accuracy: ±0.1°C
- Speed Range: 50 ~ 300 rpm, Timer Range: 1 ~ 9999 min
- Shaking Amplitude: 26 mm, Shaking Mode: Orbital or Reciprocal
- MOC: Inner SS304 & Outer MS Powder Coating
- Size: 400*300mm/φ75mm*12 Hole Tray
- Power Input: AC220V / 50 Hz

Rotary Vacuum Evaporator

TOP-200RE



- Motor Type: Brushless DC motor
- Type of Cooling: Vertical Condenser
- Cooling Surface area: 1500 cm², Speed Range [rpm]: 0 ~ 300 rpm
- Temp. Controller: PID controller,
- Heating Temp. Range: RT to 200°C,
- Motor Lifting: Manual / Automatic
- Evaporating Flask Capacity: 1 L (Max.50 ml to 3 L)
- Receiving Flask Capacity: 1 L (Max. 250 ml to 2 L)
- Heating Bath Capacity: Max. 6.5 ltr.,
- Input Voltage: AC 220V/50 Hz

Rotary Vacuum Evaporator

TOP-300RE



- Type of Cooling: Vertical Type
- Cooling Surface area: 1500 cm²
- Speed Range [rpm]: 0 ~ 280 rpm, Speed Display: 3.5" Large LCD
- Heating Temp. Range: RT to 210°C
- Time Setting Range: 1- 999 min
- Evaporating Flask Capacity: 1 L (Max.3-5L)
- Receiving Flask Capacity: 1 L (Max.250ml - 2 L)
- Heating Bath Capacity: 50 ml to 5 Litre Flasks
- Voltage/Frequency: AC 230V, 50 Hz

Water Circulating Chiller

TL-xxCWB



- Display Mode: Dual 4-digit LED Display
- Construction: Double Walled
- Reservoir Bath Capacity: 5 Liter / 8 Liter
- Temperature range: (-5°C/-10°C to 100°C)
- Cooling Capacity: (700-1600) W,
- Flow Rate (L/min): 15 L/min-30 L/min
- Max Pressure (Bar): 0.8 - 1.5 Bar, Outer Body MOC: Mild Steel
- Inner Tank MOC: SS304 Mounted Tank & Lid with Handle
- Power Supply: AC 220V / 50 Hz

Vacuum Pumps

TL-xxV
TL-xxCRP



- Max. Vacuum (mbar): 100,120,13,8,90,2-4mbar
- Max. Flow Rate (L/min): 22,34 ,25,34,60 ,37 L/min
- Outlet (mm): 10 mm
- Motor Speed (rpm): 1450 rpm
- Max. Power (W): 60 W, 95 W ,245 W, 270 W
- Max. Current (A): 0.5 A / 1.1 A
- Number of Stages: Single Stage
- Noise Level (dB): 50 dB
- Input Power: 220V / 50Hz

4-Channel Peristaltic Pump

TL-400P



- Channels: Four Channels
- Output: 4-Channel x (0.005 ~ 50ml/min) each
- Tubing: 4-Tubes for 4-Different Flows
- Speed range: 0 ~150 rpm/min, Timed operation: 1S—9h59m59s
- Output pressure: ≥ 0.3 Mpa (≥ 3 Bar)
- Communication Mode: RS232 interface
- Pump Head: 4-Rollers/4-Flows
- Power supply voltage: AC200 ~ 240V
- Dimensions(LxWxH): 310x160x160mm, Weight: approx. 2.5Kg

Peristaltic Pump

TL-100P



- Channel: Single channel
- Output: 0.010 ~ 148ml/min
- Speed range: 0 ~150 rpm/min
- Output pressure: ≥ 3 kg/ cm^2
- Precision error: $\pm 2\%$
- Outer space interface: 5V
- Working environment: Temperature 0 ~ 40°C,
- Humidity: $\leq 85\%$
- Anti-vibration: 10-500 Hz
- Power supply voltage: V200 ~ 240AC
- Weight: 2.5Kg

Laboratory Hot-Air Oven

TL-xx-OD
TOP-xx-DOC



- Chamber Volume: 45L,95L,125L,225L,325L
- Temp. Range: RT+10 ~ 250°C
- Temp. Accuracy: $\pm 2^\circ\text{C}$, Display: Digital LED
- Controller: PID Controller
- Outer Body: MS Powder Coated
- Inner Chamber: Stainless Steel SS304
- Number of Shelves: 2 / 3 / 4 Pcs
- Power: 1500-3500 W
- Power Supply: AC 230V,50HZ/60Hz

Vacuum Oven

TOP-xxKZG
TOP-xx-VOS



- Chamber Capacity (L): 25 Litres & 50 Litres
- Temperature Range ($^\circ\text{C}$): RT+5°C ~ 250°C
- Temp. Accuracy($^\circ\text{C}$): 0.1°C, Vacuum Degree Display: LCD Display
- Temp, Sensor Type: PT 100, • Construction: Doubled Wall
- Timing Range: 0 ~ 99 Hr / 0 ~ 9999 min
- Inner Chamber: Stainless Steel SS304
- Exterior Construction: MS Powder Coated
- Vacuum Pump: Oil Charge vacuum Pump (Standard)
- Power Supply: AC 230V,50HZ/60Hz

Laboratory BOD Incubator

TL-xxx-BOD



- Chamber Volume (Litre) :115 L / 170 L / 285 L
- Chamber Size (Cu.Ft) :4 Cu.Ft / 6 Cu.Ft / 10 Cu.Ft
- Temp($^\circ\text{C}$):Range +5°C ~ 60°C
- Resolution: 0.1°C
- Display :Digital LED display with touch keypads
- Number of Shelves: 2 pcs / 3 pcs / 4 pcs
- Chamber Dia (WxDxH)cm: 45x40x60 / 50x43x86 / 60x55x90
- Weight (Kg) approx: 45 Kg / 55Kg / 70Kg
- Input Voltage: AC 230V ,50HZ/60Hz

Bacteriological Incubator

TL-xx-BI



- Capacity(Liter): 28L/45L/90L/105L/215L
- Temp. Range: RT+5°C - 60°C
- Temp. Resolution: 0.1°C
- Shelves: 2pcs/ 3pcs
- Display: LED Digital
- Controller: PID Controller
- Stable Time: ≤ 20 min
- Time Range: 0-999min
- Input Voltage: AC 220V,50/60HZ

CO2 Incubator



TOP-80-CO2
TOP-160-CO2

- Chamber Capacity (L): 80 Liters ,160 Liters
- Temperature Range (°C): RT+5°C ~ 55°
- CO2 Range: 0 ~ 20%, Timing Range: 0 ~ 99Hr 99min
- Heating Type: Air - Jacketed
- Refrigerant: R134 , Environment friendly
- Chamber illumination: Fluorescent Tube light
- Exterior Construction: MS Sheet Powder Coated
- No Of Shelves: 02 Pcs / 03 Pcs
- Input Voltage: AC220V 50/60Hz

Muffle Furnace



TL-xx-MFD

- Chamber Size: 9" x 4" x4"/ 10" x 5" x5"/ 12" x 6" x6"/ 18" x 9" x9"
- Power Rating: 2.0 - 5.5 Kw, Temp. Max: 1200°C
- Temp. Working: 1130°C
- Temperature Controller: Digital Temp. Controller
- Heating Element: KANTHAL 'A-1 Wire', Thermocouple: Type K
- Material Outer body: MS Powder Coated
- Timer: Start / Stop setting; Max. 99hr 59min; Unit: 1 min
- Power Supply: AC230V/50Hz

Autoclave (Vertical) - GMP



TL-xxx-AV

- Automization: Fully Automatic
- Internal Tank Capacity: 22 Liter to 175 Liter
- Power Load: 2.00 to 6.00 Kw, Sterilizing Temp.: 121°C to 134°C
- Working Pressure: 1.2 kg f/cm sq.g (15 psi - 17 psi)
- Sterilization Time: 25 to 30 min., Digital Timer: 0 to 99 min
- Construction: Double / Triple wall & SS GMP
- Inner & Outer Chamber: Stainless Steel SS304
- Power Supply: AC 220 Volts, 50/60 Hz

Laboratory Refrigerator



TL-xxxV

- Capacity(L) 0: 50~1500L
- Temperature: 2 °C - 8°C
- Voltage: 220/110V; 50/60Hz
- Power(W): 500 W
- Ambient Temp.: 10-45 °C
- Noise(db): ≤52
- Alarm System: High/Low temperature, sensor failure
- Optional Accessories: Alarm system, temperature printer

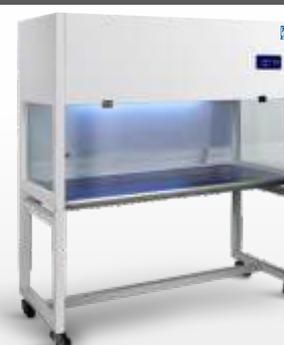
Laboratory Deep Freezer

TL-20VxxxULF
TL-40VxxxULF
TL-60VxxxULF
TL-86VxxxULF



- Capacity: 50~1500 L
- Temperature: -25~-40 °C / -60~-86 °C
- Setting Temp.: -10~-40°C / 30~-40 / -60~-86 °C
- Ambient Temp.: 10-32 °C
- Alarm System: High/Low temperature, sensor failure
- Optional Accessories: Remote alarm system
- Voltage : AC 220V; 50/60 Hz

Laminar Air Flow Cabinet



TL-LAF-V / H

- Airflow Direction: Vertical / Horizontal Airflow
- Working Side: One side
- Cleanliness Class: Class 100
- Wind Speed: 0.3-0.6m/s (Adjustable)
- Noise: ≤62dB
- Vibration Half Peak Value: ≤3µm (X, Y, Z direction)
- Lamp: Fluorescence / LED
- Working Zone: ("Ft") 2' x 2 / 3' x 2 / 4' x 2
- Power Supply: AC 220V; 50/60 Hz

Bio - Safety Cabinet (Class II)



TL-BSC-xx

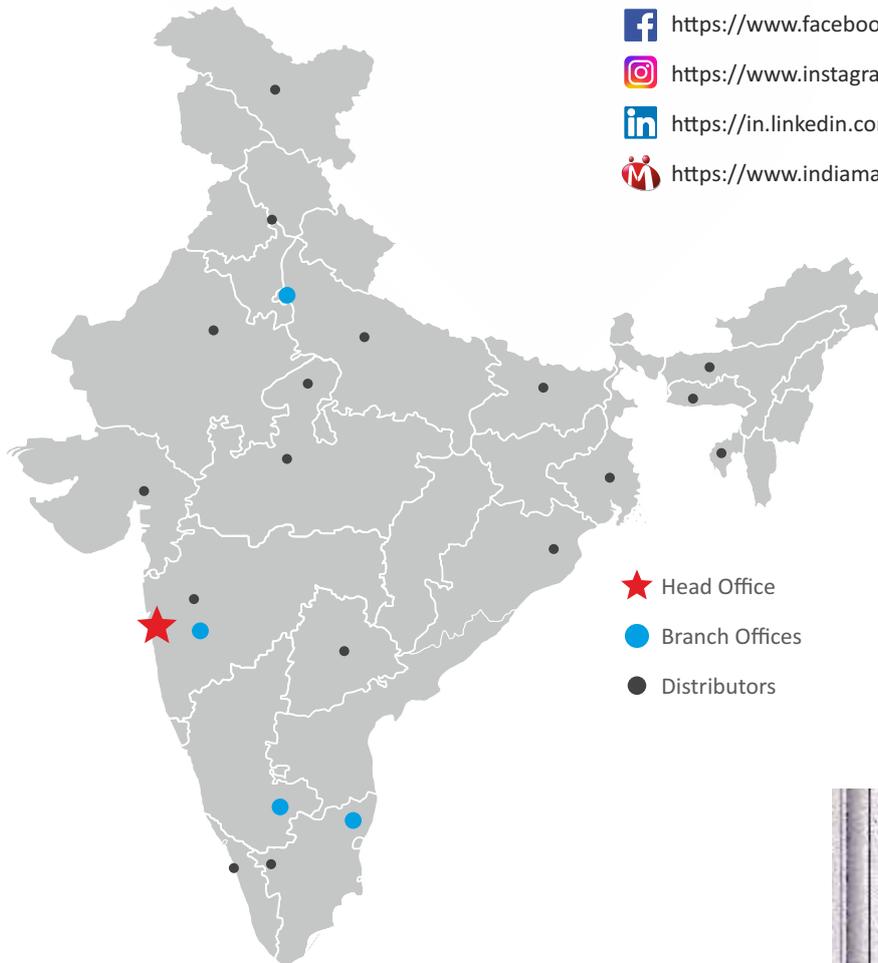
- Working Size (ft.): 2' x 2' / 3' x 2' / 4' x 2' / 5' x 2' / 6' x 2'
- Controller: Microprocessor controller w/ LCD digital display
- Inflow Velocity: 105 fpm (0.53 m/s)
- Down flow Velocity: 60 fpm (0.30 m/s)
- Filter: HEPA filter 99.999% efficient (ULPA - Optional)
- Body Construction: Powder Coated MS / SS304 / SS316
- Table Construction: Stainless Steel 304
- Blower assembly: 1/3 HP, Single Phase, 1440 RPM motor
- Power Supply: AC 220V; 50/60 Hz

Laboratory Fume Hood



TL-xxx-FH

- Working Size (ft.): 4' x 2' / 5' x 2' / 6' x 2' / 7' x 3' / 8' x 3'
- Type of Fume Hood: Aerodynamic / Standard
- MOC: MS Powder Coated / SS304 (Optional)
- Stand: MS Pipe Powder coated / SS304 (Optional)
- Working Platform Top: Black Granite / SS304
- Working Chamber: MS Powder Coated Sheet
- Air Flow: 1800 Cubic metre/hr, Air Velocity: ≥ 0.5 m/s
- No. of Shutters: 04/06/08 Nos As per size
- Power Supply: AC 220V; 50/60 Hz



- <https://www.facebook.com/toplabindia/>
- <https://www.instagram.com/toplabindiapvtltd/>
- <https://in.linkedin.com/in/toplab-india>
- <https://www.indiamart.com/toplabindia/>

- Head Office
- Branch Offices
- Distributors

