



Technical Specifications

Application / Test Facility

Laboratory-scale **forced draft counter-flow cooling tower** designed for studying cooling tower performance, heat and mass transfer, and efficiency under variable air and water flow conditions.

Product Features

Parameter	Specification
Tower Dimensions (L×W×H)	Minimum 150 mm × 150 mm × 700 mm
Type	Forced draft, counter-flow cooling tower
Fan	Variable-speed fan for adjustable airflow
Tower Material	Expanded wire mesh or equivalent high-efficiency packing material
Hot Water Source	Double-walled insulated stainless steel tank with immersion wire heater
Tank Capacity	Minimum 10 litres
Heater Rating	Minimum 600 W
Water Flow Measurement	Rotameter or equivalent precision flow meter
Temperature Measurement	Minimum 6 sets of RTD PT-100 sensors with digital temperature controller
Instrumentation	Flow meter, temperature sensors, digital indicator panel
Air Flow Measurement	Integrated air flow measuring system (anemometer or equivalent)
Safety Features	Emergency stop function and electrical overload protection

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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India Sales: +91-9588842361



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Accessories and Spares

- Two additional flow meters (for air and water)
- One complete set of temperature sensors

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