

TXL-GEN-015 / 27 October 2026 · One-year manufacturer warranty

Conditioning Cabinet

Designed for creating artificial climate conditions, seed germination, plant growing and sample storage in textile, plastics and similar laboratories. The interior is stainless steel. Parameters can be set for the desired duration, with humidity distributed via heater-cooler coils.



Model technical data

1	Designed for creating artificial climate conditions, seed germination, plant growing and sample storage.
2	The interior is made of stainless steel.
3	Humidity is distributed via heater-cooler coils.

Physical specifications and utilities

Electrical supply	Approx. 220–240 V AC, 50/60 Hz, single phase; build-dependent.
Power / connected load	Approx. 1500–3500 W connected load for preliminary planning.
Overall instrument dimensions	Approx. 850 × 850 × 1800 mm (W × D × H).
Instrument weight	Approx. 120–220 kg net.
Gross / shipping weight	Approx. 157–300 kg gross; estimated packing allowance.
Lab requirements	Ventilated installation; purified water and drain for humidification options. Separate conditioning plant depends on order scope.

Dimension order and approximate values are stated in each row. Packaging data are separate from instrument dimensions and net mass. Approx. rows are preliminary engineering estimates based on comparable equipment and function/capacity; they are not verified manufacturing measurements or standard requirements. Installation and shipment are finalised against the approved drawing and nameplate. Estimate scope: base product / one unit; external computer, bench and auxiliary plant excluded.

Specifications, dimensions, and power requirements are approximate and subject to change without prior notice for continuous design improvements.

Product technical specifications and images may vary according to manufacturing conditions and applicable standards.

Test and configuration

Measured output / function	Specimen conditioning at controlled temperature and relative humidity
Parameters selected for the method	Target temperature, relative humidity, load and conditioning time
Verification points	Temperature-humidity mapping and temporal stability

Control and recording specification

Method-specific software and recording requirements follow. Delivered software modules are defined by the order scope.

- Method code and edition, specimen ID, operator and selected test parameters are linked to the record.
- The calculation and endpoint are defined by the selected method edition; instrument signals and operator assessments are kept distinct.
- Raw measurements, units, valid/invalid test flags and the reported result remain traceable.
- Calculations are checked against known inputs and an independent calculation; sensor channels are checked against calibration values.

Related test methods

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Listed methods are application references. Suitability is established by assessing hardware, method edition and calibration together.