

TXL-GEN-014 / 27 October 2026 · One-year manufacturer warranty

Hot Plate

A hot plate used in general laboratory testing. Available with 400×600 mm, 300×450 mm and 300×300 mm surfaces. Heating range is 50–300 °C. Supplied with either an analogue thermostat or a digital controller.



Model technical data

1	A hot plate used in general laboratory testing.
2	Available with 400x600 mm, 300x450 mm and 300x300 mm surfaces.
3	Heating range is 50-300 °C.
4	Supplied with an analogue thermostat or a digital controller.

Physical specifications and utilities

Electrical supply	Approx. 220–240 V AC, 50/60 Hz, single phase; build-dependent.
Power / connected load	Approx. 1000–3500 W connected load for preliminary planning.
Overall instrument dimensions	Approx. 650 × 500 × 250 mm (W × D × H).
Instrument weight	Approx. 15–35 kg net.
Gross / shipping weight	Approx. 26.5–53.8 kg gross; estimated packing allowance.
Lab requirements	Heat-resistant bench and ventilation; clearance for hot surfaces.

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	Solution preparation, mixing or controlled heating
Parameters selected for the method	Selection of volume, vessel, speed, temperature and time
Verification points	Speed and temperature control where applicable

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.