TXL-BOY-016 / 28 October 2026 · One-year manufacturer warranty

Laboratory Reference Washing Machine (GyroWash GW-6330A)

Front-loading laboratory reference washing machine designed to run ISO 6330 test procedures. 61 litre stainless steel drum, inverter-driven bidirectional action and 1,200 rpm maximum spin. Pulse flowmeter measures the fill volume electronically in litres; the pulse/litre factor is calibrated from the service menu and the target and actual volume of every fill are recorded. Programmable controller with colour display; recipes are created and uploaded over Wi-Fi from a phone or computer, with no program card required. Final compliance is documented by commissioning, calibration and verification results.



Model technical data

1	Intended use: programmable domestic laundering procedures for textile testing.
2	Program framework: ISO 6330 procedures and user-defined recipes.
3	Drum volume: 61 L.
4	Nominal dry load: 9 kg base machine capacity; test load according to the selected method.
5	Maximum spin speed: 1,200 rpm.
6	Motor: inverter motor with controlled bidirectional action.
7	Water measurement: pulse flowmeter; electronic volume measurement in litres.
8	Water calibration: pulse/litre factor; multi-point service calibration.
9	Control: programmable process controller with colour display.
10	Wireless access: Wi-Fi; recipe management from phone and computer.
11	Dimensions (H x W x D): 845 x 597 x 582 mm.
12	Supply / connected load: 220-240 VAC, 50 Hz / 2,200 W base machine.

Physical specifications and utilities

Electrical supply	Supply / connected load: 220-240 VAC, 50 Hz / 2,200 W base machine.
Power / connected load	Supply / connected load: 220-240 VAC, 50 Hz / 2,200 W base machine.
Overall instrument dimensions	Dimensions (H x W x D): 845 x 597 x 582 mm.
Instrument weight	Approx. 180–240 kg net.
Gross / shipping weight	Approx. 223–325 kg gross; estimated packing allowance.
Lab requirements	Water supply and drain; hot water, water quality and plumbing capacity depend on order configuration.

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	Dimensional change after controlled washing (%)
Parameters selected for the method	Machine type, programme, load, ballast and detergent
Verification points	Water volume, temperature, drum action and timing

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.

• Dimensional change (%) = 100 × (final - initial dimension) / initial dimension; direction and sign convention are stated in the report.

• 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

ISO 6330

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

Test parameters for the reviewed method

The values below were reviewed in selected clauses of the stated source edition. They are not a declaration of equivalence to a later edition or independent instrument verification.

ISO 6330:2012 / TS EN ISO 6330:2012 / 5.1–5.2, 5.6, 6.1.1

1	Distinguish washer A horizontal/front-loading, B vertical/agitator and C vertical/pulsator. Match dryer type, ballast and detergent; this edition restricts reference detergent 1 to type B. Record machine type and program edition before assuming method equivalence.