

TXL-MBR-003 / 27 October 2026 · One-year manufacturer warranty

EN 1928 Waterproofing Impermeability Tester

Reliable water impermeability testing for waterproofing membranes. Compact and precise solution performing Method A and Method B under EN 1928 on a single platform. 0–200 kPa pressure control, 24-hour stable test capacity, stainless steel housing, digital control panel, interchangeable fixture system. Test duration: 24±1 hours. Ideal for roof membranes, bituminous systems, PVC/TPO membranes.



Model technical data

1	Method A and Method B in a single device.
2	Pressure range: 0-200 kPa.
3	Test duration: 24 ± 1 hours.
4	Specimen diameter: Ø150 mm (Method A), Ø130 mm (Method B).
5	Interchangeable fixture system.
6	Stainless steel body.
7	Digital control panel with display.
8	Power supply: 220 V ± 10%, 50/60 Hz.

Physical specifications and utilities

Electrical supply	Power supply: 220 V ± 10%, 50/60 Hz.
Power / connected load	Approx. 100–300 W connected load for preliminary planning.
Overall instrument dimensions	Approx. 900 × 750 × 650 mm (W × D × H).
Instrument weight	Approx. 60–110 kg net.
Gross / shipping weight	Approx. 91–162.5 kg gross; estimated packing allowance.
Lab requirements	Suitable water supply / drain; dry filtered compressed air for pneumatic fixture option.

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	Watertightness under specified water pressure
Parameters selected for the method	Method, pressure, duration, specimen count and support
Verification points	Pressure, timing and chamber sealing

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

EN 1928

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.

TS EN 1928:2007 / 5, 7.2, 8

1	Methods A and B require separate fixtures. In this edition the Method A specimen diameter is 200 ± 2 mm; test temperature 23 ± 1 °C and pressure hold 24 ± 1 h. Pressure is recorded according to the relevant product specification.
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