

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

Crease Recovery Tester

Wrinkle recovery angle measurement of fabrics.



Model technical data

1	Measures the folding recovery angle of the fabric.
2	The angle formed after the pressure applied to the folded fabric is released is measured according to the standards.

Physical specifications and utilities

Electrical supply	Manual / passive base apparatus; no mains supply assumed.
Power / connected load	Approx. 0 W connected load for preliminary planning.
Overall instrument dimensions	Approx. 300 × 250 × 400 mm (W × D × H).
Instrument weight	Approx. 5–10 kg net.
Gross / shipping weight	Approx. 15.5–22.5 kg gross; estimated packing allowance.
Lab requirements	Level, stable working surface; specimen conditioning follows the selected method.

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	Crease recovery angle (°)
Parameters selected for the method	Fold direction, load, loading time and recovery time
Verification points	Angle scale, load and timer

Control and recording specification

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

- The need for integrated software depends on the method and selected hardware; manual instruments use an external test record.
- 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

ISO 2313 · AATCC 66 · ISO 2313-1

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

Historical method references: ISO 2313

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.

AATCC 66 (earlier edition) / 6

1	For recovery-angle testing: specimen template 40 × 15 mm; mass 500 ± 5 g; timer accuracy ±1 s.
ISO 2313:1972 — historical edition / 5.1–5.3, 7.2, 8.2–8.3	
1	1972 edition: total load 10 N over 15 × 15 mm; release in <1 s. Angular scale accuracy ±0.5°, reading 1°. Specimen 40 × 15 mm; loading 5 min ± 5 s, recovery reading 5 min after release. Not automatically equivalent to the 2021 parts.
ISO 2313-1:2021 / 5.1(a); remaining apparatus details pending	
1	2021 clause 5.1(a): press load 10.0 ± 0.5 N over 15 × 15 mm of folded specimen; complete unloading <1 s.