STANDARDS TEST FIXTURE

Zero-Span Paper Tensile Fixture ISO 15361

Zero-span tensile fixture for paper fiber strength to ISO 15361, TAPPI T231 and ASTM D5804



OVERVIEW

Zero-span tensile fixture for paper testing according to ISO 15361, TAPPI T231 and ASTM D5804. Two clamping jaws grip the strip with no gap between them, so the test measures the strength of the individual fibers rather than the fiber network. Ball-bearing guides keep the jaws aligned; a pneumatic stainless steel version is available for use up to +120 °C.

KEY FEATURES

- Designed for zero-span tests to ISO 15361 and TAPPI T231
- Jaws clamp the strip with zero span between them
- Ball-bearing guides keep the jaws aligned
- Pneumatic version for uniform, repeatable clamping
- Stainless steel pneumatic version for 0 … +120 °C
- Pull rods for use in a temperature chamber

TECHNICAL SPECIFICATIONS

Test type	Zero-span tensile
Standards	ISO 15361, TAPPI T231, ASTM D5804
Specimen	Paper strips, pulp handsheets
Guides	Ball-bearing guides
Operation	Standard or pneumatic
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Material	Stainless steel (pneumatic version)
Temperature range	0 … +120 °C (pneumatic version)
Max. load	On request

AVAILABLE VERSIONS

Standard version	Ball-bearing guides, 15.9 mm clevis coupling
Pneumatic version	Stainless steel body, guides, 0 … +120 °C, pull rods for chamber

APPLICATIONS

- Pulp and paper mills
- Fiber strength research
- Recycled fiber evaluation
- Paper testing laboratories

STANDARDS ISO 15361, TAPPI T231, ASTM D5804

Ordering & customization: Specify standard or pneumatic operation, test temperature and the machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-ST-460