

Z-Span™ Tester



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The Z-Span Tester generates repeatable zero and short span tensile test data.

Description

The Z-Span manual bench top tester measures zero and short span tensile strength with individually loaded handsheet or machine made paper samples. The Z-Span Tester generates individual tensile readings from prepared test strips. The Dial-a-Gap attachment facilitates testing at multiple spans from 0.2 mm to 0.6 mm. The West Testing Kit supports sample preparation and testing of re-wet test strips.

New features include: Data sent by Ethernet to data logging software, LCD touchscreen control panel and a service mode.

Benefits

Zero span tensile testing remains the benchmark for measuring Fiber Strength. The Z-Span Tester conforms to all national and international test methods. This classic tester has been enhanced with new features to make data output more accurate and operation simpler and trouble free.

Bottom-line: Increased accuracy for a classic test.

**Reliable
Testing**



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Capable of performing wet and/or dry Zero and/or Short Span Tensile Tests.

System Features:

- Once loaded, will perform individual zero and/or short span tensile tests.
- Numbers generated are sensitive to changes in Fiber Strength, Bonding and Length.
- Installation and training support

Hardware Features:

- Rugged Construction
- Dial-A-Gap
- Wet Sample Kit
- Jaw and anvil inserts precision-machined from hardened & rust resistant alloy
- Operation and Maintenance Tool Kit
- Operator Manual
- LCD touch screen control panel
- Service mode including separate control of: Load, clamp and test. Also senses pressure before and after load regulator.
- Measures peak load at break.
- Each test is displayed on screen and can be sent via Ethernet to data logging software on any networked PC.

Test Methods:

- AS/NZS 1301.459:199 Method for wet zero span tensile specific to the Pulmac Troubleshooter.
- CPPA Useful Method D.27U
- ISO 15361 Pulps - Determination of zero-span tensile strength, wet, dry, or never dried (ISO 15361:2000 (E)).
- SCAN CM 115 ZE Comprehensive method for zero span tensile dry, rewetted, and never dried.
- TAPPI T 231 Zero Span Tensile Dry
- TAPPI T 273 Zero Span Tensile Wet
- ASTM D 5804 Zero Span Tensile Dry
- ASTM D 5803 Zero Span Tensile Wet

Services Required:

- 7.5 Bar of instrument quality air
- 240V, 50/60 Hz, 5 Amp electrical service

Shipping Specs	Weight	Height	Width	Depth
Skid	45 kg	95 cm	115 cm	75 cm



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