



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

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 Wet 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.

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
- 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.



Specifications:

- 7.5 Bar of instrument quality air
- 240V, 50/60 Hz, 5 Amp electrical service
- Shipping Skid:
Dimensions: H: 95 x W: 115 x D: 75cm
Weight: 45kg



Standards:

- 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
- SCAN CM 115 ZE – Comprehensive method for zero span tensile dry, rewetted and never dried
- TAPPI T231 – Zero span tensile dry
- TAPPI T273 Zero span tensile wet
- ASTM D5804 Zero span tensile dry
- ASTM D5803 Zero span tensile wet