

PULMAC  
INTERNATIONAL

A Division of Cowan Technologies Inc.

# Z-Span™ 1200



Z-Span 1200 Tester

**The Z-Span 1200 generates repeatable zero and short span tensile test data.**

## Description

The Z-Span 1200 manual bench top tester is the classic way to measure zero and short span tensile strength of your handsheets or machine made paper. The Z-Span 1200 tester generates individual tensile readings from prepared test strips. The Dial-a-Gap attachment facilitates testing at multiple spans from 0.2mm to 0.6mm. The West Testing Kit supports sample preparation and testing of re-wet test strips.

New features include, a peak load algorithm based upon 15 millisecond sampling, a standard RS-232 port, and a service mode.

**Reliable  
Testing**



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## Benefits

Zero span tensile testing remains the benchmark for measuring Fiber Strength. The Z-Span 1200 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

# Z-Span™ 1200

## Z-Span Tester

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 by and algorithm that continuously averages three pressure reading every 15 milliseconds until fibers are broken.
- Each test is displayed on LED readout and sent to an RS-232 output port.

## 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

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## Services Required:

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

Shipping Specs	Weight	Height	Width	Depth
Skid	35 Kg	95 cm	115 cm	60 cm