

PULMAC
INTERNATIONAL

A Division of Cowan Technologies Inc.

Z-Span™ 4000

Using the Z-Span4000,
operators can determine the
strength of over 60 pulp
samples in a **24 hour** period

Description

The Z-Span 4000 Rapid Strength Testing System generated a set of strength numbers within 1/2 and hour. Any pulp or stock sample is first prepared at the Z-Span 4000 workstation. The resulting slurry is poured into the Automated Sheet Former's slurry reservoir. The resulting dried sample sheets are ready to be weighed and loaded onto the Z-Span Tester's feed tray. The Z-Span Tester presents strength numbers that are sensitive to changes in pulp strength.

Benefits

The Z-Span 4000 Rapid Strength Testing System repeatedly comments on the strength potential of pulp coming from the pulp mill and is much more credible than viscosity testing. Replacing viscosity allows for decreasing chemical costs, increasing yield, decreasing wood costs while maintaining papermaking pulp strength stability.

Bottom-line: Increased profitability by decreasing pulp mill costs and increasing papermachine productivity.



Z-Span Tester



Beater



Automated Sheet Former

**Fast
Strength
Testing**



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