

ZERO-SPAN 3000

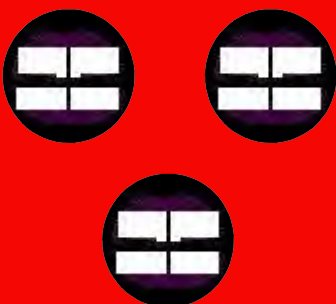


Description

Pulmac Inc's Zero-Span 3000 offers a complete zero-span solution in one compact and highly automated system. A pulp or stock sample is first prepared at the Zero-Span 3000 wet sample prep station. The prepared slurry is then poured into the sheet former and 5 minutes later, 6 sample sheets are automatically delivered, ready to be weighed and loaded onto the tester feed tray. Once the hands-off test sequence is initiated, the custom-configured database will be automatically updated within 5 minutes with Pulmac fibre quality numbers sensitive to changes in fiber strength, bonding, length and/or alignment.

Benefits

Pulmac Inc's Zero-Span 3000 brings certainty to pulp strength. With systematic testing, numbers generated by the Z-Span 3000, will alert you before creeping process changes deteriorate pulp strength outside acceptable limits. Pulmac Zero-Span strength testing can tell you what you need to know about the fiber strength when you need to know it. Direct benefits to your productivity can include reducing downgraded pulp, penalty payments, and warehousing costs, all the while improving communication links with pulp users.

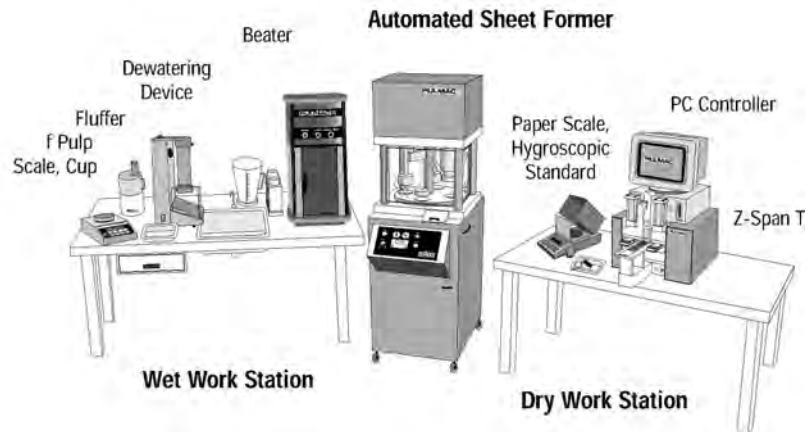


Fast Determination of Pulp Strength

With Pulmac Inc's Zero-Span 3000 solution, testers can determine the strength of over 100 pulp samples in a 24 hour period. Once a slurry of measured consistency has been prepared, a shift tester can process subsequent samples every 10 minutes.

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ZERO-SPAN 3000



System Features:

- The Wet Sample Prep Station permits fast and efficient sample prep for good repeatability.
- The Sheet Former delivers 6 test sheets 5 minutes after cycle start up.
- The zero-span tester will perform 24 zero and/or shortspan tests and upload results 5 minutes after initiating the test sequence.
- Pulmac Fibre Quality Numbers generated by the test are automatically stored and are sensitive to changes in fiber strength, length and bonding potential and, for machine papers, fibre alignment
- Installation, system integration and training support is provided

Software Features:

- Auto timing of Dewaterer.
- Program controlled Laboratory Beater.
- Program controlled Automated Sheet Former.
- Humidity control of test sheets.
- Computer controlled Zero-Span Tester:
- Password-protected system manager function and directory access.
- Output data to external data storage device, LAN file, printer, or screen.
- Intuitive menu control.
- Custom Data Dictionary
- Custom rogue data reject settings.

Hardware Features:

Wet Sample Prep Station

- Dewaterer
- Fluffer
- Fluff pulp scale/cup
- Laboratory Beater

Test Sheet Forming Station

- Automized Sheet Former

Dry Test Station

- Automized Zero-Span Tester
- Paper Analytical Balance
- Hygroscopic Standard

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