



TECHNIDYNE



Pulmac Automated Z-Span Tester™



INDUSTRIAL
PHYSICS

Protecting
Product Integrity

Pulmac Automated Z-Span Tester™

The Automated Z-Span™ Tester offers an automated zero span and short span testing capability. Once the sample handsheets or strip are loaded onto the feed tray, 24 wet/dry, zero/short span tests are executed during a five-minute testing sequence. Following termination of the testing sequence, test results are displayed on the operator interface terminal and, via serial port connection, can automatically update a local PC-based Excel database. It is calibrated and control software is loaded as part of in-factory system integration.

The Automated Z-Span™ Tester can effectively define pulp fiber strength. With systematic sampling and testing, fiber quality numbers generated by the Z-Span™ Tester will alert mill monitors to creeping process changes before pulp quality deteriorates beyond acceptable limits. Automated Z-Span™ testing will tell you what you need to know, when you need to know it, in order to keep your production running smoothly and your customers happy. Direct improvements to your productivity can include reducing downgraded pulp, penalty payments, and warehousing costs, all the while improving communication links with pulp users.

This automated, bench-top zero-span tester is delivered to the customer factory-calibrated and ready-to-go after a very quick unpacking and reassembly procedure. Its simple menu-driven touch-screen operator interface allows the rapid, precise, and repeatable generation of key Pulmac fiber quality numbers.

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Technical Specification:

Weight	102 kg
Dimensions	(W) 610 mm x (H) 660 mm x (D) 915 mm

Service Requirements:

- Instrument quality air; 2 CFM, 125 psi
- ¼" slip fitting for air supply
- 110V, 60 cycle, 5 Amp

System Features:

- Once loaded the Automated Z-Span™ Tester will perform 24 wet/dry zero span and/or short span tests & automatically compile the results on a local flash drive
- With an operator prompt, the system can automatically update a PC Excel database
- Pulmac fiber quality numbers are sensitive to changes in fiber strength, length, and bonding potential (FS, L, B) and for machine-made paper, fiber alignment

Hardware & Software Features:

- Rugged construction – two-year limited warranty
- Clamping surfaces are manufactured from rustproof, superhard (+65 Rockwell), machine tool material
- Electronic operator interface
- Operator and maintenance tool kits
- Password-protected system
- Data exported to a PC Excel database via serial port
- Custom data dictionary
- Custom rogue data reject setting

Ordering Information:

SKU	Article Description
PUL-AUTOZSPAN	Technidyne Automated Z-Span Tester™

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