

FiberVisions Experiences Outstanding Control Performance and Reliability from Thermo Scientific 21Plus! Systems at their Suzhou Plant in China

"We are very satisfied with the Thermo Scientific 21Plus! systems and the service we received at our Suzhou plant. The systems' reliability has been quite outstanding and the control performance has been exceptional. This equipment is an essential part of our production and quality processes."

Tong Nan Qing, Maintenance Manager, FiberVisions (China) Textile Products Ltd.



Suzhou Factory, China



**Tong Nan Qing
Maintenance Manager**

Achieving Quality Production with Thermo Scientific Web Gauging Systems

FiberVisions was searching for web gauging solutions for their Suzhou plant specializing in the production of hygienic, fiber, and non-woven thermo-bonded products. FiberVisions installed two Thermo Scientific web gauging systems on their lines 1 and 2 which have been in operation since they were originally commissioned. The width of each line is 3500 mm with a nominal speed of 130 m/min. The systems were purchased with the lines in order to ensure that high quality products were achieved first time around. Each web gauging system comprises a single scanner measuring basis weight with a beta gauge performing closed-loop basis weight control.

FiberVisions was looking for accuracy, reliability and control performance when they purchased their web gauging systems. Tong Nan Qing agrees. "Because these machines frequently make short production runs, it is imperative that they measure accurately and control effectively. This has helped us avoid losses and achieve the maximum yield from the process. These control strategies have resulted in fast grade changes and additional production."

Consequently, the web gauging performance from both machines has significantly contributed toward the overall profitability of the plant.

Benefits and Results

- Machine direction control reduces variations by over 50%
- Grade changes are achieved in less than 10 minutes
- Without the systems grade, changes would take over 30 minutes

FiberVisions Benefits from Reliable Web Gauging Performance

Installation, Service, Reliability

Another benefit that was not fully appreciated when the systems were originally purchased was their long-term reliability. According to Tong Nan Qing, "Both of these systems have performed exceptionally since startup and the company has established a good working relationship with Thermo Fisher Scientific." In addition, FiberVisions also appreciates the responsive spares and service backup they receive from us.

Based on a successful history with us, FiberVisions is confident we have the technology, expertise, and proven capabilities to help produce long-term benefits for their operations.

**Visit our website at www.thermo.com/webgauging
or contact your local Thermo Fisher account manager.**

Thermo Fisher Scientific
Process Instruments
200 Research Drive
Wilmington, MA 01887
+1 (978) 663-2300
sales.webgauging.na@thermofisher.com

© 2008 Thermo Fisher Scientific Inc. All rights reserved. Results may vary under different operating conditions. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representatives for details. Literature Code PI.9053.1008