



*Industrial Applications  
...Concept to Completion*

# WEB HANDLING MEASUREMENTS

## MEDIA CONVEYANCE FACILITY

### FLEXIBLE WEB PROPERTY PRECISION MEASUREMENT FOR ROLL-TO-ROLL MANUFACTURERS

Optimation has specialized measurement capabilities that provide customers with information required to understand their products' material characteristics. This important product data is then utilized in our predictive analysis and modeling to ensure robust and reliable web handling processes and performance. Leveraging our services will give you confidence that your roll-to-roll process will perform and deliver the product features and quality you require.

We can provide mechanical measurements services for both existing and new web products. Precise measurements of key web properties for new products is recommended to ensure that the product has been designed properly for web handling compatibility in your conveyance and processing machinery. Our services are suitable for engineers and technicians at all levels.

### QUALITY EXPERTS IN PRECISION MEASUREMENT

Optimation has the seasoned and highly qualified technical staff that can utilize the measurement information to provide your team with practical steps to optimize equipment, and thereby eliminate waste and increase reliability.

Dr. Kevin Cole is a Senior Web Handling Development Engineer with over 30 years of experience in web handling. Dr. Cole has a PhD in Mechanical Engineering from the University of Rochester. Kevin's experience includes training on winding and conveyance process fundamentals. In addition to his many patents, Dr. Cole is a welcomed keynote presenter and published author for trade journals and web handling conferences.

Brooks Schneider, PE is a Mechanical Engineer with over 30 years' experience in high-volume film and paper web handling processes. Mr. Schneider's experience includes project, design, production, and process development engineering. His roles have included project engineering leadership, project management, and individual contributions; he has also provided training and technical consulting to worldwide operations.

### WIDE SELECTION OF MEASUREMENT CAPABILITY

Our measurement capabilities include:

- Web/Roller and Web/Web Capstan and Sled Friction
- Tensile Properties Including Young's Modulus
- Stack Modulus
- Web and Roller Surface Roughness
- Nip System Diagnostics

### WHAT'S YOUR NEXT STEP?

Contact Dr. Kevin Cole at 585-321-2300, x2125 to discuss your application.



OPTIMATION

