

CARPET APPLICATIONS

The Instrumar Fiber System has been in use by BCF fiber producers for automotive, residential and commercial carpets since 2003. Our technology works to drastically reduce our customer's production issues that can lead to dyeability issues and color streaking, as well as giving them a birds-eye-view of their production status and machine efficiency in real-time.

"THE 100% BEST YARN IN THE WORLD"

PUTTING THE INSTRUMAR FIBER SYSTEM TO WORK FOR YOU:

The Instrumar Fiber System reliably monitors and detects common BCF Fiber production problems in real-time, providing you with the ability to immediately react to problems such as colour inconsistency, and minimize downgraded product. And by keeping a history of every product and package run, our customers can drastically reduce product changeover times regardless of specifications. With Instrumar, you'll be able to profitably fulfill smaller customer requests and accommodate a wider range of products.

In addition, the Instrumar Fiber System also measures node count continuously on every threadline, and analyzes filament bundle consistency to spot issues such as low or inconsistent node count, lost antistatic filament, poor tension and other inconsistencies that can impact bulk. The Instrumar Fiber System drastically reduces inconsistency issues and ensures every meter of your yarn meets the most demanding specifications.

At a glance, our easy-to-understand graphical displays can communicate your production status in real-time to operators, shift supervisors, production managers and executive personnel alike – giving the right information to the right people.

"ALL OF MANAGEMENT CAN LOOK AT ONE SCREEN AND FOCUS IMMEDIATELY."

COMMON ISSUES THE INSTRUMAR FIBER SYSTEM IS CURRENTLY USED TO MONITOR:

COLOUR STREAKING

DYEABILITY ISSUES

TACK COUNT

FILAMENT BUNDLE CONSISTENCY

LOST/LOW CARBON ANTISTAT FILAMENT

WORN/CONTAMINATED COMPONENTS (E.G. AIRJETS)

WINDER ISSUES

OPERATOR ERROR

REAPING THE BENEFITS:

Why rely on random or infrequent lab tests to catch issues after they happen? Using advanced analytics software, the Instrumar Fiber System lets you spot production outliers as they happen and target your testing resources instead. The insights you'll gain using the Instrumar Fiber System will benefit your entire process.

"HAVING INSTRUMAR INSTALLED ALLOWS US TO AVOID DOWNTIME."

Being able to identify poorly running machine positions allows you to employ more timely, directed maintenance, while features like detailed shift reporting help you understand differences in performance between shifts and identify where training can improve shift productivity.

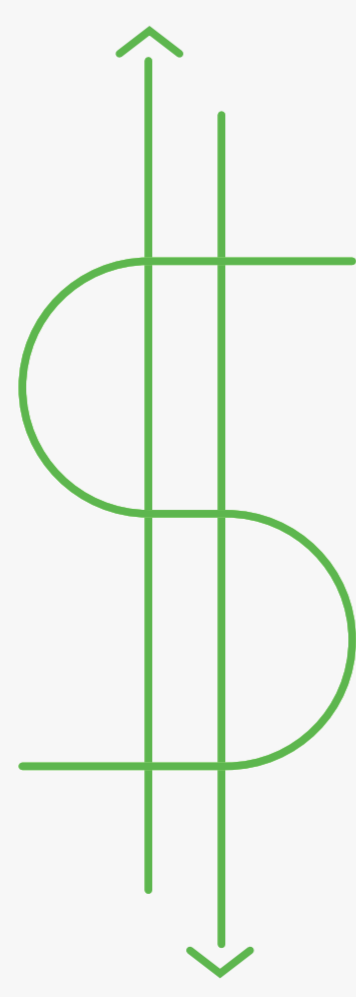
Another Instrumar customer successfully recaptured automotive market share lost during economic downturn. They were also able to diversify and scale their operations – resulting in a 5x increase in product offerings.



5X
INCREASE IN
PRODUCT OFFERING

"CUSTOMER SUPPORT IS JUST INCREDIBLE."

Above all else, the most important benefit of the Instrumar Fiber System expressed by our customers is the drastic reduction in customer claims they've achieved. Not only do claims cost you substantial financial compensation, but products returned in claims increase waste and impact your environmental footprint, while seriously damaging your reputation and brand. One Instrumar customer in the BCF carpet market reported a 20x reduction in the claims portion of their cost-per-pound.



20X
REDUCTION IN
COST PER CLAIM

CATCH ISSUES BEFORE THEY COST YOU

Installing the Instrumar Fiber System is like adding a layer of protection to your reputation and brand – contact us today to learn more!