



USTER® AUTOSORTER 6

The count measurement system

What is Think Quality™?

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It is 'managing your textile mill with quality in mind'

Today's textile markets are highly-competitive, throughout the entire value chain from fiber to fabric. Customers expect unique products, at the right quality and free from unacceptable defects, every time. Mills need to manufacture economically, with best-possible use of resources – especially raw materials and labor. These are major challenges, requiring comprehensive mill management strategies.

Take control of your quality – Think Quality™

USTER's unique Think Quality™ approach is the way to 'manage your textile mill with quality in mind'. It integrates world-class USTER® products and services to ensure you always produce optimum quality, enhancing your reputation – as well as achieving predictable profits.

Think Quality™ means:

- Working to clear quality specifications from customers
- Controlling raw material sourcing, costs and yields
- Applying the best measurement and information systems
- Continuous production monitoring, for rapid response
- Understanding improvement options, through automated application know-how
- Benchmarking with USTER® STATISTICS
- Improve yield and assure quality of the final product



USTER® instruments provide the essential foundation for world-class quality control in areas such as evenness (USTER® TESTER 6) and strength measuring (USTER® TENSORAPID 5, USTER® TENSOJET 5).

For extended testing capabilities USTER offers excellent options. An example is the USTER® AUTOSORTER 6, for accurate and precise analysis of yarn count – a key element in yarn specifications.



USTER® AUTOSORTER 6

The count measurement system

Precise determination of the count in staple fiber yarns and rovings is a fundamental prerequisite of the entire spinning process. For this, a totally reliable instrumentation package is required. This is provided by the classic USTER® AUTOSORTER 6.

- Precise count determination
- User-friendly operation in line with USTER® lab equipment
- Excellent graphical user interface with touchscreen monitor



Precise count determination

The USTER® AUTOSORTER 6 determines both yarn count and count variation in preparatory material and spun yarns.

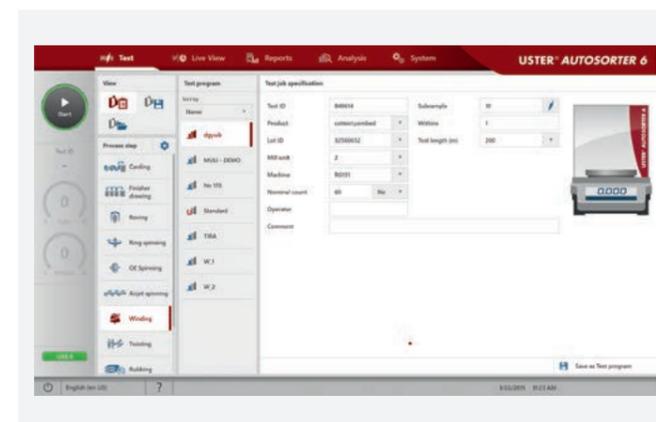
Used together with USTER® STATISTICS, the USTER® AUTOSORTER 6 integrates with internationally-accepted benchmarks. This guarantees modern, systematic and comparable yarn testing – the first step to consistent yarn quality.

Subsample Metric	Abs. count 100 m Yarn	Deviation of nominal count	
		%	%
Y1	29.16	0.34	2.85
Y2	29.07	1.09	0.42
Y3	29.56	0.42	1.88
Y4	29.75	0.15	0.84
Y5	28.99	1.01	3.37
Y6	29.26	0.95	3.19
Y7	28.70	1.27	4.22
Y8	28.17	0.89	2.79
Y9	29.45	0.95	1.85
Y10	28.17	0.83	2.75
Mean	29.20	0.86	2.85
CV	1.05	28.39	28.50
s	0.31	0.31	1.02
Q95	0.22	0.22	0.73
Min	28.73	0.25	0.84
Max	29.75	1.29	4.32

User-friendly operation

The user interface correlates with the operation of USTER® TESTER 6, USTER® TENSORAPID 5 and USTER® TENSOJET 5:

- Live view of measurement results
- Pre-defined table reports
- Run status indication
- Analysis functions for investigating all measured data
- PDF generation for sharing test reports



Outstanding intuitive graphical user interface

Designed-in ergonomics and an excellent graphical user interface make the USTER® AUTOSORTER 6 exceptionally user-friendly. Its touchscreen monitor makes it easy to use, even for untrained staff, so operators can stay focused on test results, guaranteeing higher efficiency and optimum user satisfaction.

The standard from fiber to fabric

Uster is the world's leading supplier of total quality solutions from fiber to fabric. Uster standards and precise measurement provide unparalleled advantages for producing best quality at minimum cost.

Think Quality™

Our commitment to state-of-the-art technology ensures the comfort and feel of the finished product – satisfying the demands of a sophisticated market. We help our customers to benefit from our applied knowledge and experience – to think quality, think Uster.

Broad range of products

Uster occupies a unique position in the textile industry. With our broad range of products, we have a wide reach across the textile chain that is unmatched by any other supplier in the market.

Optimal service

Know-how transfer and instant help – we are where our customers are. A total of 215 certified service engineers worldwide grants fast and reliable technical support. Benefit from local know-how transfer in your specific markets and enjoy our service à la carte.

USTER® STATISTICS – the textile industry standards

We set the standards for quality control in the global textile industry. With Uster Statistics, we provide the benchmarks that are the basis for the trading of textile products at assured levels of quality across global markets.

USTERIZED® – brand your products with quality

USTERIZED® stands for 'defined quality assured' within the textile chain. We invite selected customers to join the USTERIZED® Member Program. More information at www.usterized.com.

USTER worldwide

With four technology centers, four regional service centers and 50 representative offices around the world, Uster is always sure of delivering only the best to its customers. Uster – committed to excellence, committed to quality. And that will never change.



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