



# USTER® Q-BAR 2

Secure your quality

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The best way to avoid off-quality is simply not to make it. USTER® Q-BAR 2 detects faults during manufacturing, preventing long-running defects over the full fabric width. Working close to the start of the process, it reduces material losses and the need for manual inspection after production. This enables delivery of constant and reliable quality and helps fabric producers stay competitive in the market.

- Fast, early-stage detection to prevent material loss
- Attractive and ergonomic design
- User-friendly visualization and classifying



**Fast, early-stage detection to prevent material loss**  
Its position directly behind the reed allows the USTER® Q-BAR 2 to respond quickly and avoid long-running or repeating defects. The alarm and stop signal enables the operator to correct problems immediately. This early detection reduces second quality and material loss.

The system design allows for simple installation on existing weaving machines, as well as warp knitting machines.



**Attractive and robust design**  
The slim and light housing enables the operator to work on the weaving machine without hindrance. The front can be opened, for easy access to the hardware for maintenance. Integrated LEDs in the USTER® Q-BAR 2 indicate system status. The operator is guided to the exact position of a defect by a red light on the USTER® Q-BAR 2. Since USTER® Q-BAR 2 does not contain moving parts, operating costs, e.g. for spare parts, are reduced.

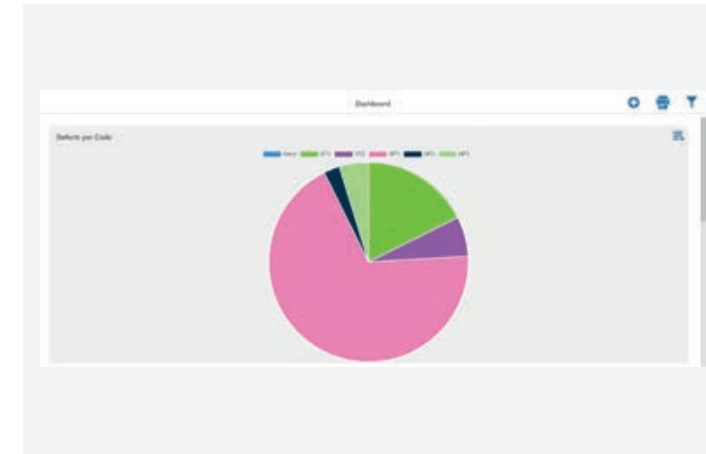


**User friendly visualization and classifying**  
The system displays the fault image and position in front of the operator in real time via the user interface. Defects are detected, categorized, saved and displayed on an intuitive touchscreen. A quality defect map is created for each roll and can be reviewed in an album. USTER® Q-BAR 2 offers different classification possibilities and allows rolls to be categorized according to number, size and position of defects, as well as customer criteria.

## Monitoring and controlling with USTER® FABRIQ EXPERT

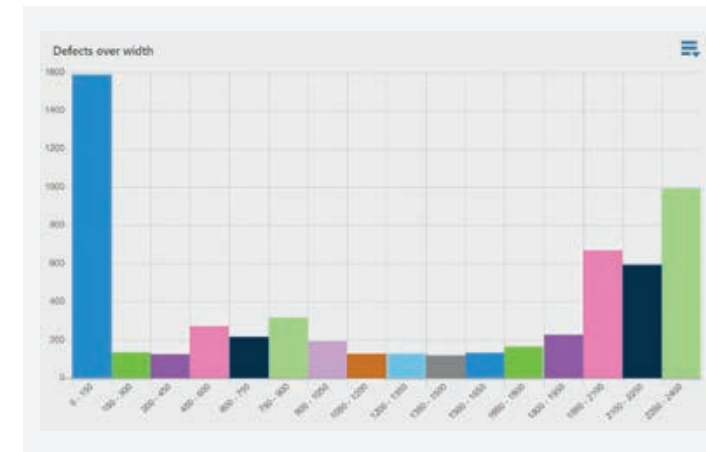
For textile mills, comprehensive statistics on inspected fabrics and online monitoring of the systems bring major advantages. USTER® FABRIQ EXPERT collects quality maps centrally for each roll. Fully-customizable reports, for every personnel level, are displayed at the on-screen dashboard. This easy-to-use system guides managers and operators to evaluate defects from different lots and optimize fabric yield.

- Quality statistics, including trends for all produced rolls
- Detailed quality analysis by position of defect
- Interpretation of current quality status, with context information



**Quality statistics, including trends for all produced rolls**  
USTER® FABRIQ EXPERT collects data on all defects to provide detailed statistics, comparisons and trends over time for each category. Customized filters for each available widget can highlight options such as time frame, roll, machines and more.

The various benefits include the ability to prevent defects by localizing them and also to compare and optimize different yarns, machines, styles etc.



**Detailed quality analysis by position of defect**  
Fully-customizable analysis with USTER® FABRIQ EXPERT allows users to select vertical or horizontal zones of an inspected roll. In a selected section, e.g. selvedge, defect types can be filtered to initiate actions and control the defect if necessary.

The whole width of the fabric can easily be split into different zones for deeper analysis of defects.



**Interpretation of current quality status, with context information**  
USTER® FABRIQ EXPERT provides an overview of all connected USTER® Q-BAR 2 systems in the mill. The main focus is to show quality information – for example the number of defects over a given time – within the relevant context, such as running status or production speed. Technical alarms are highlighted to trigger early reactions, so that problems can be solved as soon as they occur.

Users can also fine-tune the setup of USTER® Q-BAR 2.

### 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](http://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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