



USTER® JOSSI VISION SHIELD

Guaranteed quality in nonwovens

Contamination control for spunlace nonwovens

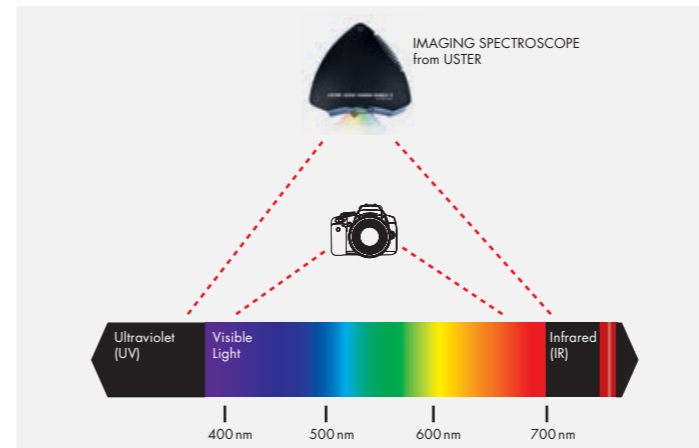
Nonwoven fabrics for medical, personal care and hygiene applications need to meet stringent quality standards, for both appearance and comfort in contact with human skin. Avoidance of contamination in the fiber raw material is critical. The USTER® *JOSSI VISION SHIELD* reliably detects and eliminates foreign matter contaminants from loose fibers in the preparatory stages before spunlacing. Key benefits are:

- Minimal waste of good fiber
- The best technology to remove contamination
- Fully-automatic detection at the optimal position



Minimal waste of good fiber

The process of detecting and removing contamination from bleached cotton and man-made fibers inevitably generates some waste. It is vital to ensure a minimum of good fiber is lost in this way. The USTER® *JOSSI VISION SHIELD* continuously measures the velocity of the fiber tufts. Precision valves then match the timing and duration of each ejection, so that only the required amount of contaminant is removed.



The best technology to remove contamination

The latest imaging spectroscopy technology detects across a much greater wavelength than conventional camera systems. Polypropylene as small as a single hair is identified for ejection, even in IR and UV light ranges. The technology handles various types of polypropylene, as well as other synthetics such as polyethylene and polyester.



Fully-automatic detection at the optimal position

Correct positioning of the fiber cleaning system in the blowroom is crucial. Tuft size is the key: small contaminant particles can hide inside larger tufts, making detection more difficult and removal more costly. USTER® *JOSSI VISION SHIELD* is ideally positioned, immediately after the fine opener. It brings unrivaled detection power and removal efficiency, for top fiber cleaning performance.

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 200 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 three technology centers, five 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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