



USTER® INTELLIGIN 2-M

The gin process monitoring system

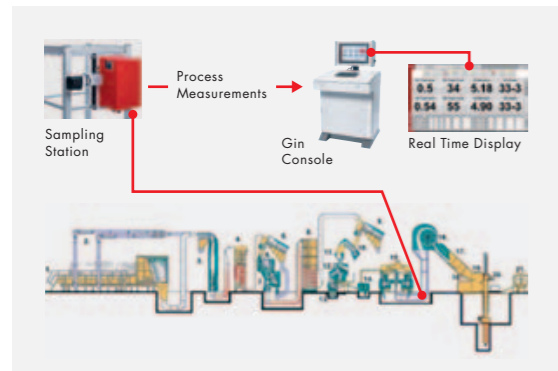
Process monitoring, informed decisions Real-time information – real-time decisions



Process monitoring, informed decisions
The true art of ginning is knowing when and how to use a technical advantage. Because not all cottons are the same, the ginning process requires constant monitoring based on incoming harvest qualities, fiber characteristics, picking methods and growing conditions. USTER® INTELLIGIN 2-M provides total quality monitoring of the ginning process – resulting in the highest quality output and customer value. This monitoring system gives gins with hands on management the necessary tools for processing quality cotton. The system will allow for the monitoring of the ginning process as changes and adjustments are made by the ginner. Ginners can use real-time information to make decisions whether to increase cleaning or maximize yield/value.



Real-time information – real-time decisions
USTER® INTELLIGIN 2-M monitors the ginning process through an on-line sampling station located at the lint flue prior to the bale press. Information on fiber moisture, trash and color are transmitted to the main console where software displays the results. From an easy-to-use interface, the ginner has a complete picture of all variables and can control the process more precisely. Decisions for dryer temperatures and lint cleaning can easily be implemented and evaluated.



Top:
Cotton seed flowing through the gin stand
Middle top:
Touch-screen interface of the USTER® INTELLIGIN 2-M system
Middle bottom:
Station 3 at the lint flue
Bottom:
Diagram of how the USTER® INTELLIGIN 2-M system works to monitor the gin

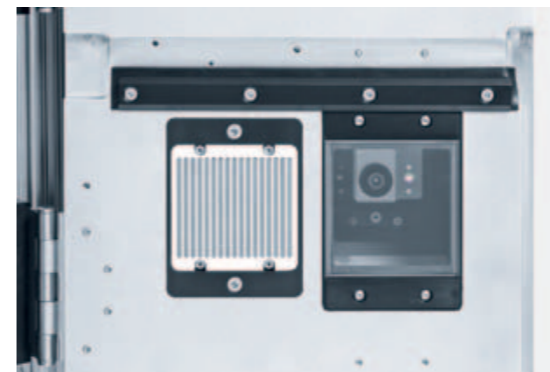
- Unique advantages of USTER® INTELLIGIN 2-M**
- Total quality monitoring
 - Use real-time information to make decisions
 - On-line sampling station monitors ginning process
 - Easy-to-use interface provides complete picture

Optimized yield – optimized quality Innovative technology and quality reports



Optimized yield – optimized quality
After the harvest, a producer wants the optimum yield possible and the spinner wants the highest quality fiber available. The ginner is asked to make both happen. Intelligent ginning through better technology means quality business for everyone involved. USTER® INTELLIGIN 2-M has revolutionized ginning:

- Maximized turnout with more fiber per bale
- Preserved fiber quality
- Optimized turnout versus grade based on grower's price schedules
- Reduced ginning costs through process and warehouse efficiencies



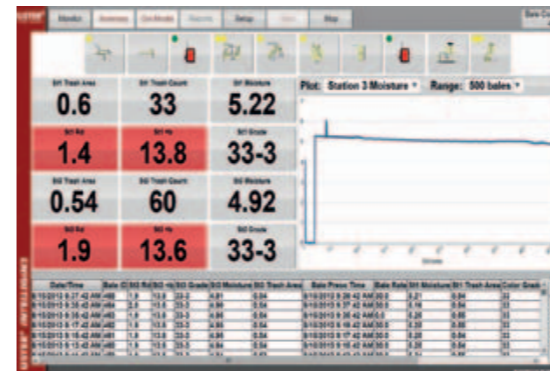
Innovative technology – proven components

- Real-time measurement of fiber color, trash and moisture
- Patented HVI® Color and Trash Sensor technology
- Bark and Trash Indicator

Quality Summary
Customer: [Name]
From 1 to 100

Line	Machine	Date/Time	Moisture	Station 1	Station 2	Moisture	Moisture	Moisture	Moisture	Moisture	Moisture	Moisture	Moisture	Moisture	Moisture	Moisture	Moisture	Moisture	Moisture
1	0	01/10/10 0:24:10 PM	33.0	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0	01/10/10 0:24:10 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0	01/10/10 0:24:10 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0	01/10/10 0:24:10 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0	01/10/10 0:24:10 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	01/10/10 0:40:10 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0	01/10/10 0:44:10 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0	01/10/10 0:48:10 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0	01/10/10 0:52:10 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0	01/10/10 0:56:10 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0	01/10/10 0:00:17 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0	01/10/10 0:04:17 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0	01/10/10 0:08:17 PM	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quality data – flexible reports
Collecting accurate data is step one, but analyzing and using the data for improvement is the key to success. USTER® INTELLIGIN 2-M's greatest strength is intelligent presentation of processing data. Easy-to-read graphical reports provide summaries and in-depth analysis of bale characteristics for producers. Trends for process improvement are also available for gin administration. The reporting package delivers analytical reports that detail every level of the ginning process. Reports such as color grade, leaf grade and moisture provide value to producers, while production and shift reports are essential to improving gin profitability.



Top:
Gin stands removing the lint from seed
Middle top:
USTER® INTELLIGIN 2-M Station 3 Moisture and Color/Trash Sensor
Middle bottom:
Typical report from USTER® INTELLIGIN 2-M
Bottom:
Monitoring screen from the USTER® INTELLIGIN 2-M Host Console

- Unique advantages of USTER® INTELLIGIN 2-M**
- Maximized turnout with more fiber per bale
 - Reduced spinning costs
 - Real-time measurement of fiber color, trash and moisture
 - Patented HVI® Sensor technology
 - Optional seed cotton station, Station 1
 - Analyzing and use of data
 - Easy-to-read graphical reports
 - Process improvement trends
 - Grade, leaf grade and moisture reports
 - Production and shift reports

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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