World premiere: The new TOPGAUGE for all application areas

Reliable thickness measurement on hot and cold ends, can be installed at any time

Accurate thickness and width measurement are decisive quality criteria in the manufacture of float and solar glass. Precise process control is an essential factor for economic success in glass production. Previous restrictions on the installation of such measurement systems prevented their integration, and their highly cost-effective deployment in existing lines. ISRA now presents the new TOPGAUGE in a world premiere, for simple installation from above.

Reliable thickness and width measurement is an essential, important criterion in modern glass production for the quality of the product, and control of processes. In order to react quickly to any production errors, TOPGAUGE is placed at the earliest possible measurement position behind the tin bath or the pattern roll. An installation of the well-known Hotgauge was previously possible as a rule only in Cold Repair.

This has now changed with TOPGAUGE’s introduction. The key advantage is obvious: the measurement system can be installed in running production lines without restrictions. Temperature measurement using a pyrometer is available as an integrated option. The glass temperature can be considered in this way when determining absolute measurement values. Also, the gross and net tonnage can be exactly determined. The operator receives all important real-time information on trend displays about processes at a glance. The information determined is passed to a quality database which is used to make decisions for process optimization.
ISRA VISION has established once again with this introduction that it has a precise understanding of customer processes. ISRA provides the highest quality of manufactured products and systematic optimization of production processes using its competence, industry know-how and passion for measurement.

Images

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Color-coded map of thickness change