



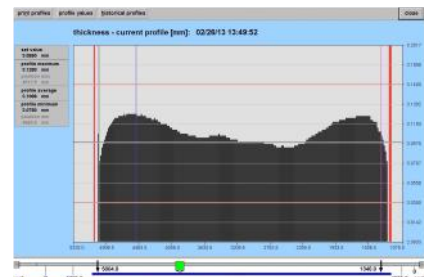
Wherever glass is made.

TMF thickness measurement at the cold end

The TMF system allows **exact, pinpoint on-line checking** of the thickness of float glass. TMF is designed and manufactured in line with special customer requirements and is delivered as a complete, ready-to-use system. Installation, commissioning and training are performed exclusively by our experienced engineers.

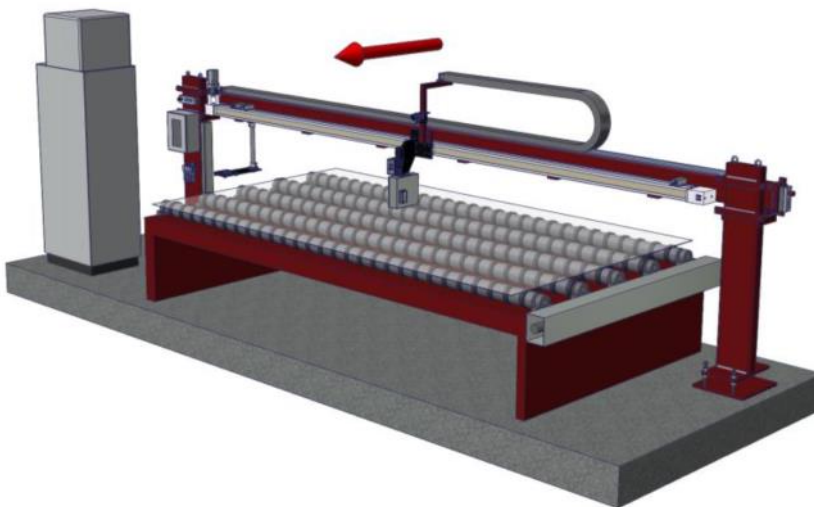
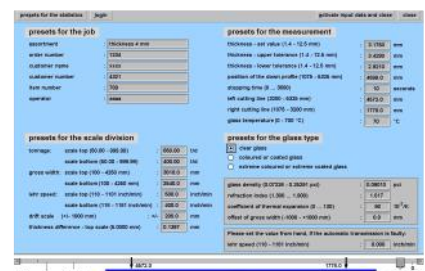
Analysis:

- Thickness of the glass ribbon in longitudinal and lateral directions
- Statistical analysis and trend plotting
- color-coded display
- Width of the glass ribbon and its position on the rollers



Benefits:

- Operational **turn-key system**
- Patented, long-life sensor head and high-quality construction
- Connection to your plant information network
- Network solution with various operator workstations
- Optional service and/or maintenance agreement



VMA Gesellschaft für visuelle Messtechnik und Automatisierung mbH

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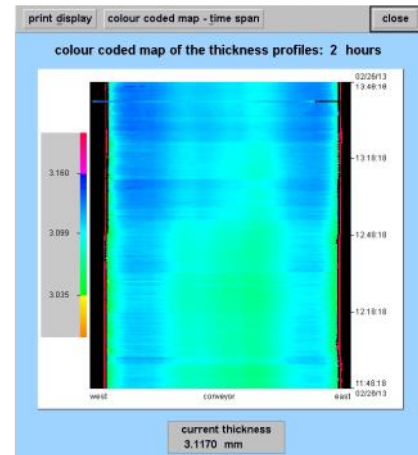
Specification

TMF

Measuring range:	1.5 - 25 mm*
Measurement accuracy:	0.003 mm
Resolution:	0.001 mm
Transmission:	> 8%, (measurement through a coating layer is possible)
Presentation:	250 measurement values in transverse profile

System

Installation:	Above the rollers
Cooling:	Water-cooled sensor head (chiller)
Cleaning:	Compressed air for cleaning the safety screen
Calibration:	Once ex works, no recalibration needed
Working distance control:	Automatic (optimum working distance)
Control:	Simple, user-friendly from operator workstation, located in a control room
Diagnosis:	All incidents and messages recorded in daily logbook



* Specify before placing order

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