

TMP Thickness Measuring Equipment for Pattern Glass at the Cold End



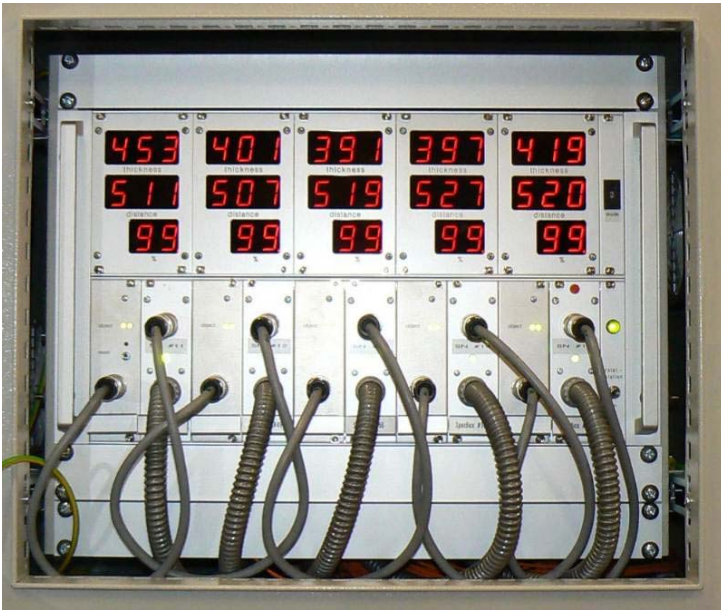
thickness measurement at solar pattern glass line

- increase quality and reduce costs
- decrease the time between thickness changes
- robust design
- qualified up to 5 sensors
- simple control
- user friendly
- free position over the glass ribbon
- Ethernet connection to the factory info system
- installation during the production

VMA Gesellschaft für visuelle Messtechnik und Automatisierung mbH

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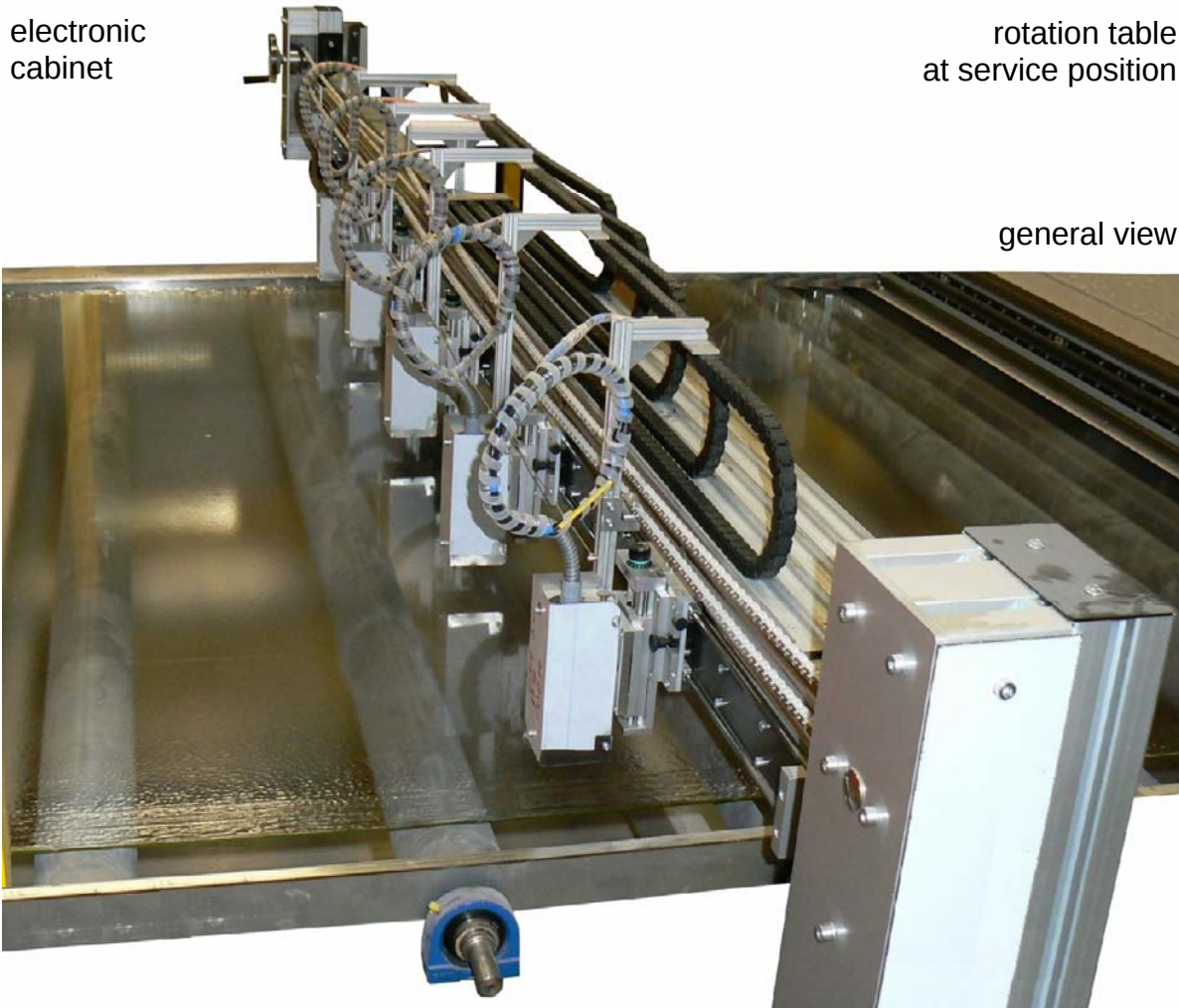
TMP Thickness Measuring Equipment for Pattern Glass at the Cold End



electronic
cabinet



rotation table
at service position

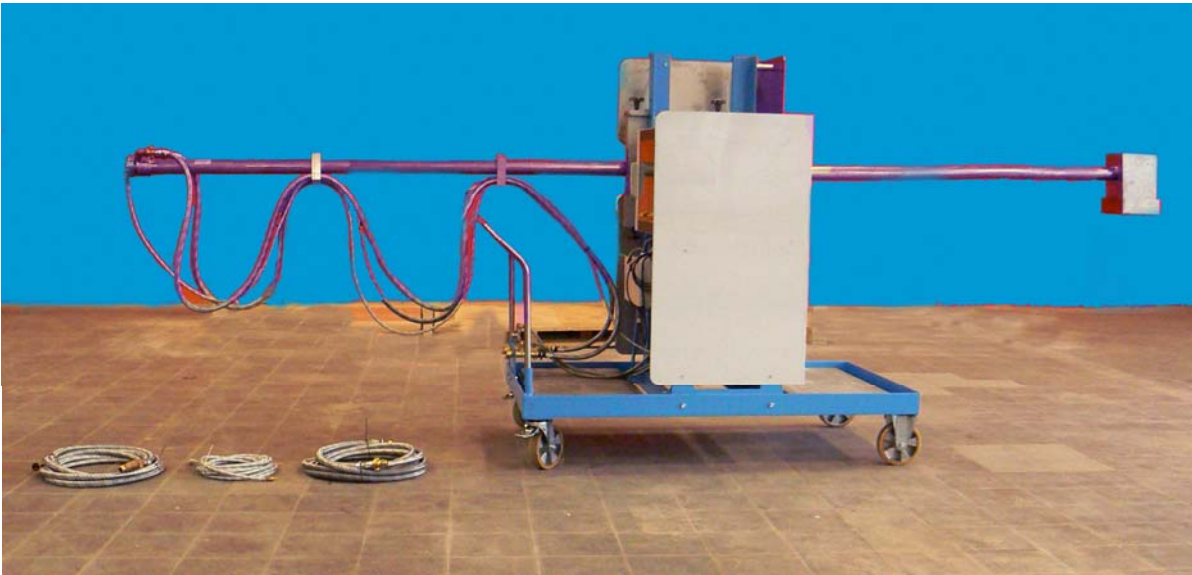


general view

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TMP Thickness Measuring Equipment for Pattern Glass at the Hot End



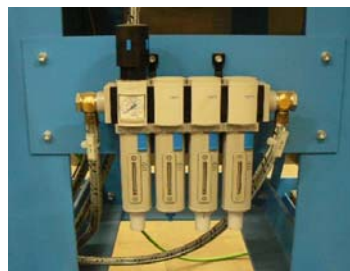
general view



rotation table
at service position

- increase quality and save costs
TMP from the VMA gives you the option of:
- saves material and energy
 - increases the output of high quality pattern glass within the commercial tolerances
 - permits a quick change of the setting of the roller machine
 - improves the range of thickness
 - decreases the difference between maximum and minimum

technical details



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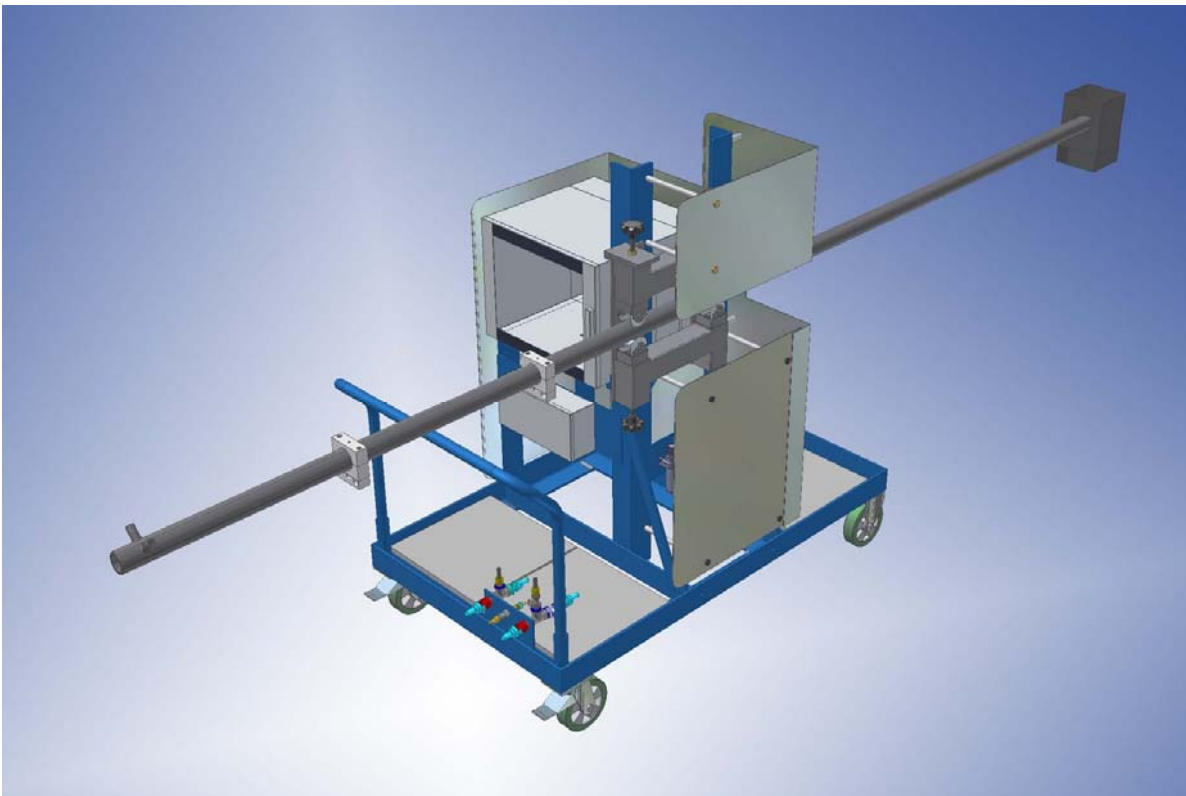
- robust design
- suitable for 650°C
- user friendly
- easy to use

electronic cabinet



display

general view



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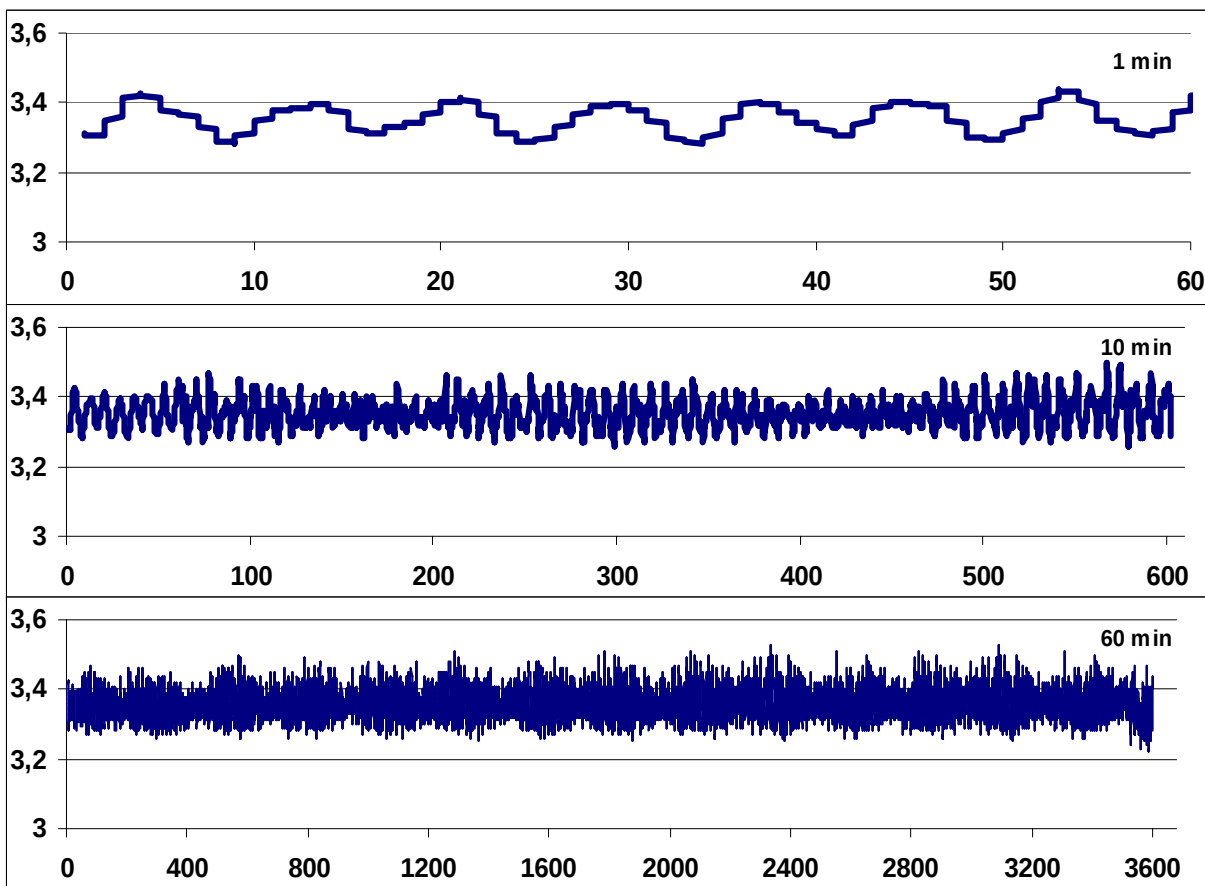
VMA gives you the option of measuring the thickness of pattern glass at the hot and cold end.

The TMP can be installed at a pattern glass line with up to five sensor gauges.

The results are indicated in a user friendly display or the readings are sent to a factory information system.

Useful for:

- job change
- quality evaluation
- process control
- cast roller evaluation
- roller roundness error



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