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PRODUCTS OR MACHINERY

Supplier of Equipment for non-contact Measuring and Control Equipment, particularly non-contact Glass Thickness Measuring Systems for Container Glass, Float Glass, Display Glass and Glass Tubes as well as a comprehensive Range of Instruments for the Automation of Glass Tube Manufacturing such as Defect Detection, Diameter Gauges, Sorting and Control Systems, Automatic Quartz Glass Resizing. A comprehensive range of inspection systems is available. Special emphasis is placed on non-contact thickness measuring instruments.

TMC - Thickness **M**easurement system for **C**ontainer glass

TMF - Thickness **M**easurement system for **F**loat glass

Special solutions (**TC** Tube **C**ontrol, **TMP** Thickness **m**easurement for **P**atterned glass, **TMT** Thickness **m**easurement system for **T**ubular glass hot/cold, **ODMT** **O**uter **D**iameter **M**easurement for **T**ubular glass, Off-line systems a.o.)

COMPANY BACKGROUND / HISTORY

VMA is specialized in designing and producing **opto-electronic measuring and testing equipment for the glass industry**, particularly thickness measuring equipment. Our equipment is designed in accordance with the special needs of our customers. They contain all necessary components for **turn-key systems**. Our engineers have been working in the glass industry for many years. Therefore we are familiar with the special questions for the

testing of glass articles as well as the technological problems of **glass manufacturing**. Our strength is to provide our customers with a whole system of know-how. We are able to link our experiences with innovative solutions and sophisticated technologies.

Consultation Specialists in optics, electronics, software, handling and cooling with many years of experiences in the glass industry give you advice on the solution of your problems.

Analysis Together with your specialists we analyse your process and take down the layout of your plant for an optimisation of it.

Functional Specifications We give support in formulating functional specifications for a technically realizable and economically acceptable task.

Realization We solve your problem by combining and adapting our various products. Adaptation is done by variation of the optical, electronic, mechanical and cooling parameters. Software is produced for your solution individually.

Turnkey Systems We deliver, install, put the system into operation and train your operators and your service personnel. Technical Service A detailed documentation and the cooperation of our specialists with your maintenance personnel are good preconditions for a reliable and quick technical service.

Maintenance Service We offer a mobile after-sales-service, also with maintenance contract, if desired. In addition, we can check and calibrate your automation system regularly in order to realize your quality system.

Spare Part Service The main expendable parts we have on stock. Provision and production of spare parts are carried out as quick as possible.