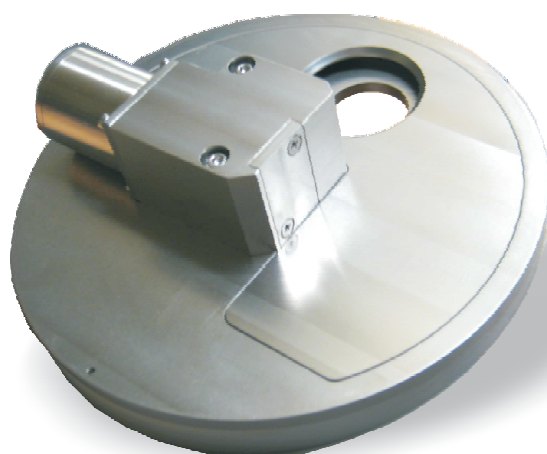


Remote controlled test glass changer for the optical coating industry

The test glass changer (TGW) was developed to be used in coating machines used by the optical industry.

The test glasses are placed on a revolver substrate holder. Using a wireless remote control one can select a certain test glass to be placed at the analysing position. At this position the test glass is coated from the bottom and simultaneously observed by a system like e.g. an OMS. All other test glasses are protected against coating. The number and the geometry of test glasses depend on the individual needs of the customer. Equipped with a special isolation the test glass changer can be used by temperatures up to 200 °C for several hours.



Drive: Steppermotor with transmission. 10.000 steps per 360° rotation of the revolver

Substrates: Geometry depends on customers needs (e.g. round or *rectangular*)
Example for round substrates: $\varnothing = 2'' \implies 4$ test glas positions
 $\varnothing = 1'' \implies 8$ test glas positions



Energy: 3x Li-SOCl₂ (type C batteries)
sufficient for approx. 1000 changes of position

Temperature range: up to 200 °C (for max. 3-4h)

Communication: wireless 2.4GHz using a manual remote control
controlling over the coating machines software can be possible

Dimensions: TGW: \varnothing :160mm H:40mm Electronic: W:120mm D:120mm H:45mm

Mass: approx. 2kg

Price: Please contact us for an offer

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