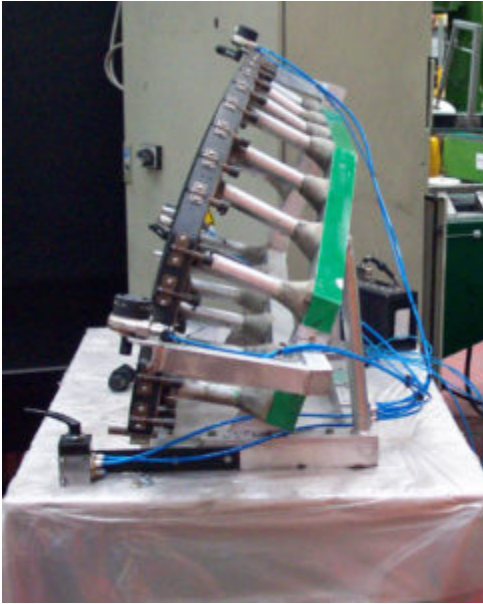


Philtec Curved Glass Shape Turnkey Solution

By Jerry Philips on February 23, 2018 in Auto Glass Shape Gaging, Fiberoptic Sensors, Non-Contact Sensing, Quality Control, turnkey solution

Philtec has partnered with the Italian company [Technosens](#) to provide the complete turnkey solution for automatic production lines. The method used is to compare a production piece glass shape to the shape of a master frame as shown here.



The production line glass is placed against the master frame, and Philtec's non-contact sensors measure distance to the glass at 50 locations. With data from 50 sensors, the shape of the glass is accurately mapped. Philtec's non-contact optical sensors provide a scratch-free solution that is ideal for [thin glass](#), where contact gages such as LVDTs can move and distort the glass when applied via air pressure.

With Technosens equipment, each measured piece has a complete **traceability** and the production is **real time monitored** with **advanced statistics** on process, moulds, system analysis (SPC, MSA) to have the maximum reduction of discarded pieces.