

We DEVELOP



GAPSTAT

Fixed gap and flush stereovision measurement station

Main advantages

- 100 % traceability of your production
- A flexible in-line measurement station for all your products
- Measures while maintaining cycle time
- No mechanical reference contact required
- Lean process: Only requires a small floor space
- Effective and intuitive reporting solution
- Can be used with other portable or robotic measurement solutions from Testia
- Automatically reference flaps using optical algorithm
- Simultaneous gap and flush measurement

Benefits

- Immediate process feedback in the event of drift
- Manufacturing traceability
- Rapid ramp-up of new vehicle designs (use from pre-production)
- Easy programming of future models

Applications

OEM:

- Inspection of sub-assemblies, including headlamp and grille panels
- Coupé-cabriolet roof and boot lid assemblies

Automotive:

- Body shell assembly

Other industries:

- Aerospace manufacturing
- Railway
- Maritime

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Features

- Sensors designed for industrial environments, Gigabit Ethernet technology
- Distance: a range of light fittings suitable for mounting at distances of between 500 and 750 mm from the point of measurement
- Installation: Aluminium profile structure fixed to the ground independently of the production line. The internal architecture incorporates bars and ball joints enabling the light fittings to be individually adjusted
- Air-conditioned cabinet, containing: Industrial PC, image processing board, communication with the production line controller and factory network, CAN network to control lights
- Installation: Aluminium profile structure fixed SPC: SQL database designed to analyse a maximum number of criteria in minimum time. Variety of export formats available

