



**NEXT.**assembly

# x-LinCheck-3D

## Mobile test device for Dürr Assembly Products measuring technology

The regular inspection of measuring equipment is essential. This also applies to measurement technology in the end of line area of automobile production.

The mobile testing device x-LinCheck-3D is used to test x-3Dprofile sensors for linearity. During the linearity check, a reference plate moves in the measuring range of the sensor over a predetermined path. The sensor measures the corresponding reference values at defined holding positions. This process allows the linearity of each individual sensor in the entire measuring volume to be checked and evaluated.

The experience of Dürr Assembly Products leads to the recommendation to carry out the sensor inspection annually. This reduces the number of NIO lasers per inspection to a minimum and achieves positive effects.

### **CUSTOMER BENEFITS**



Reduction of production downtimes due to measurement at the plant

Quality improvement through the continuous use of this service

Reliable quality statement due to calibrated measuring equipment

Direct results on site

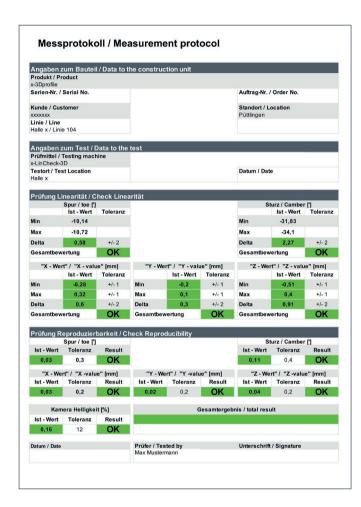
No disassembly of the laser sensors required

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#### PROTOCOL x-LinCheck-3D

To prove the test or to document the results, a corresponding result protocol is automatically generated.







- By using the device, each individual sensor or the complete measuring system is checked and possible errors are detected.
- This reduces the risk of incorrect measurements and avoids cost-intensive rework as a precaution.
- Possible "incorrect settings" due to incorrectly measuring sensors, which can lead, for example, to tilted steering wheels, are prevented.

### CONCLUSION

Cost-intensive reworking and downtimes in production are avoided