

TireScanStation

Stationary 3D profile measurement solution



The TSS allows tread depth measurement as well tread analysis on single tires or wheels. Furthermore, the capturing of high-resolution images as well as an extended documentation of the wheels or tires condition will be able. In addition, all tire information can be captured separately by using the mobile application TireScanMobile. Afterwards all of the information will be obtained graphically and presented easy to understand for everyone as a PDF protocol. Finally all information can be imported to an existing dealer management system.

ID 2021-05-18_12-02-52
License plate KH-GL-80E
Mileage 81563km

Vehicle - Summary

Service recommendations

- Several tires must be replaced
- Check air pressure
- Check axle geometry

Braking distance at 60 MPH on wet surface

+5% 100%

Your tires New tires

3D - Tread depth measurement(s)

Front left	REPLACE
3.5 5.1 4.1 4.7 2.7	

Foreign object in tire
Tread depth marginal
Center wear, possibly air pressure too high

Front right	REPLACE
2.4 4.4 3.9 5.4 4.1	

Tread depth below the recommended minimum
One-sided wear on the inner shoulder

Rear left	OK
4.5 7.1 7.2 7.0 4.3	

Tire OK

Rear right	OK
4.5 7.0 7.0 6.9 4.8	

Tire OK

- PDF printout -



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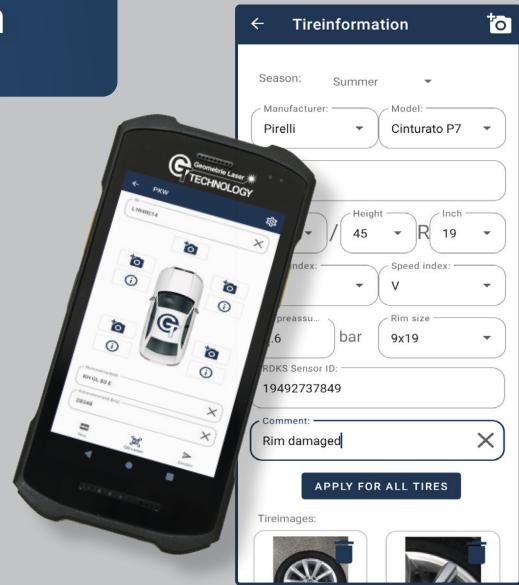


www.gl-technology.de/products/tirescanstation?lang=en



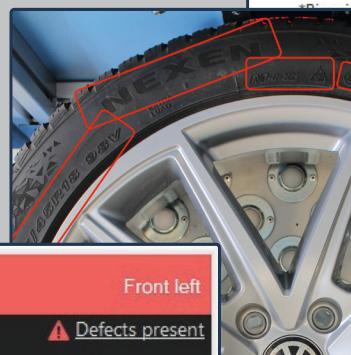
- Mobile data capture -

- QR code reading function
- Tire & wheel images
- Automated tire data capture
- Tire & wheel damages
- Vehicle image
- Vehicle information
- TPMS information



- 3D profile measurement inclusive tire data capturing -

- 3D tread visualisation
- Automatic profil depth detection
- Automatic wearing analysis
- Repeatable accuracy
- Extended tire condition documentation
- Tire / wheel image capture
- Automated tire data capture



*Manufacturer	Nexen	*Model	Winguard Sport 2
*Season	<input type="radio"/> N/A <input type="radio"/> Summer <input checked="" type="radio"/> Winter <input type="radio"/> All-season		
*Tire size	235/45 R18	*Load index	98
*P	8x18	*Speed index	V
	4020		
	2.6 bar		
	15521215545		
	OEM rim		

The screenshot shows a software interface for tire assessment. At the top, there are three icons: a camera, a document, and a gear. Below them, the word "REPLACE" is prominently displayed in a red box. To the right of "REPLACE", it says "Front left". A warning message "Defects present" is shown with an exclamation mark. The main area displays a tire image with five vertical dashed lines indicating tread depth measurements: 3.5, 5.1, 4.1, 4.7, and 2.7. Below the tire image, there is a smaller image of a wheel. At the bottom, there are four icons representing different types of wear: Heel & Toe, Age, Foreign object, and Damage. The "Foreign object" icon is highlighted in red and has the word "Replace" next to it. Below these icons, the word "Wear:" is followed by four small icons. At the very bottom, there are buttons for "TPMS:" (N/A), "OK", and "NOK".

- Technical data -

- Max. tire width: 550 mm
- Measurement time: 3 sek.
- Resolution: 0,1 mm
- Max. tread depth: 50 mm
- Measurement width: 80 mm
- Integrated industrial PC / 19" touchpanel
- Export Data: XML / JPG / PDF
- Laser class: II M

* Specification subject to change without notice / version: 2231SKENG

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- TireScanMobile -