

HighDefinitionProfiler

mobile 3D profile measuring solution



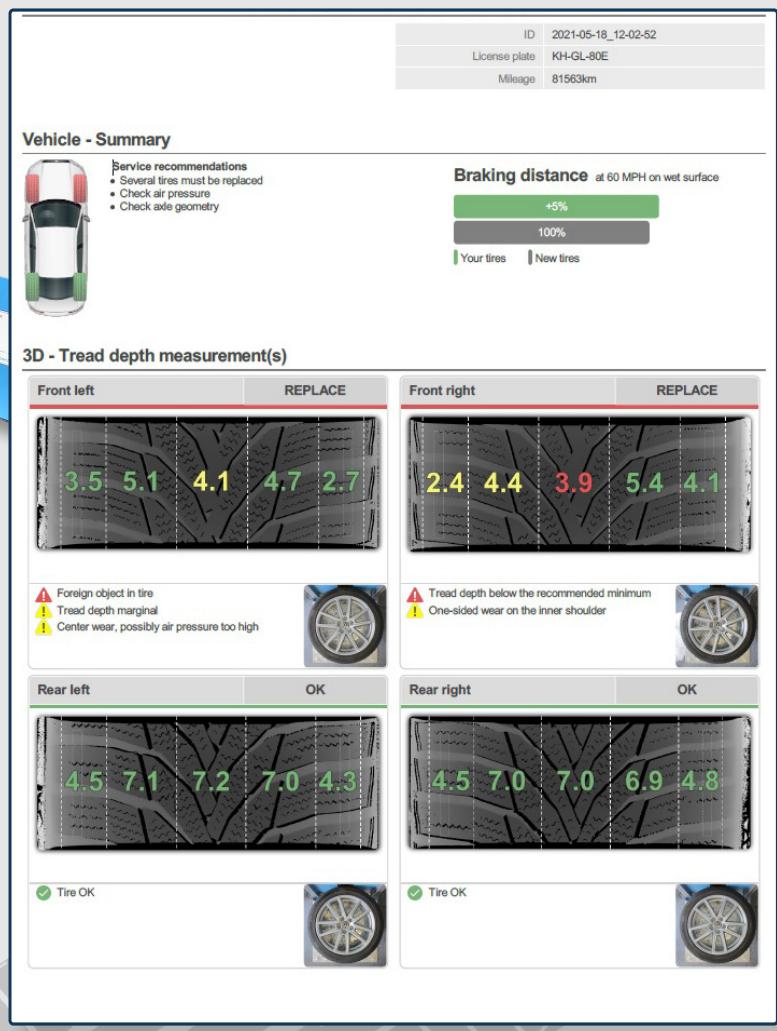
The HighDefinitionProfiler is a mobile, laser based 3D profile measuring system, which provides to record the tread depths and tread wear of wheels mounted on the vehicle in a contactless and automated manner. Furthermore, the mobile application TireScanMobile provides the capturing of images of the wheel-tire combinations as well as an extended documentation of the conditions of the wheels & tires. Afterwards all of the information will be obtained graphically and presented easy to understand for anyone as a PDF protocol. In addition to the possibility of saving the acquired data locally on a connected computer system, the adaptable interface of the TireScan software allows to import the data to an existing dealer management system at the end of each measurement process.



- HighDefinitionProfiler -

Self-explanatory protocol inclusive:

- Customer data
- Vehicle summary
- Service recommendation
- Brake distance calculation
- Tread depth visualisation incl. tread analysis
- Defect documentation
- Images of the wheel-tire combinations



- PDF printout -

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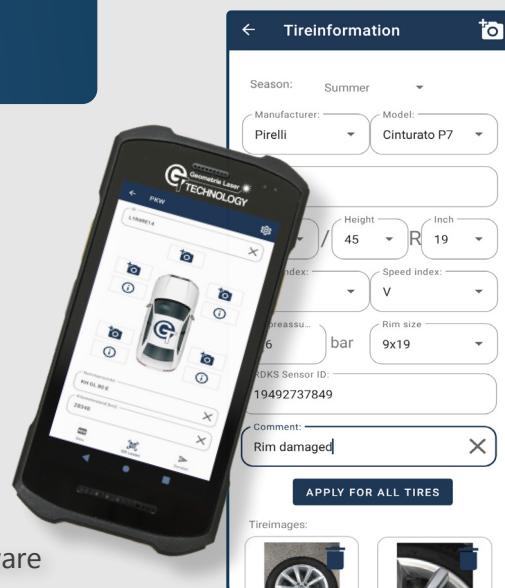
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Mobile data capture

- QR code reading function
- Tire & wheel images
- Tire designation
- Tire & wheel damages
- Vehicle image
- Vehicle information
- TPMS status
- Wireless data transfer to TireScan software



3D profile measurement incl. tire documentation

- 3D tread visualisation
- Automatic profil depth detection
- Automatic wearing analysis
- Repeatable accuracy
- Extended tire condition documentation
- High-resolution image capture of tires or wheels



Brand	Pirelli	Model	Cinturato P7	
Season	<input checked="" type="radio"/> N/A	<input type="radio"/> Summer	<input type="radio"/> Winter	<input type="radio"/> All-season
DOT	1920	Load index	94	
		Rim size	8x18	

Damage	Marginal	Replace
Heel & Toe	Marginal	Replace
Age	> 6 years	> 10 years
Foreign object	Marginal	Replace

Wear: TPMS:

Technical data HighDefinitionProfiler:

- Max. tire width: 365 / 600 mm
- Measurement time: 3 sek.
- Resolution: 0,1 mm
- Max. tread depth: 50 mm
- Measurement width: 80 mm
- Export Data: XML / JPG / PDF
- Wireless data transfer
- Laser class: II M