Geometrie Laser Messtechnik

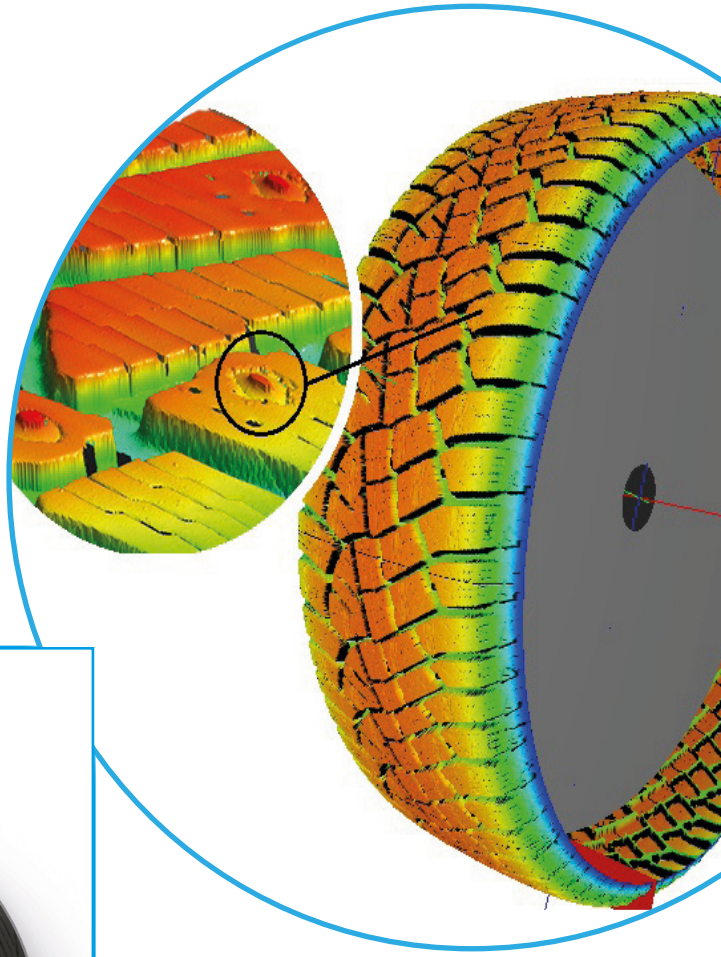
over 20 years experience

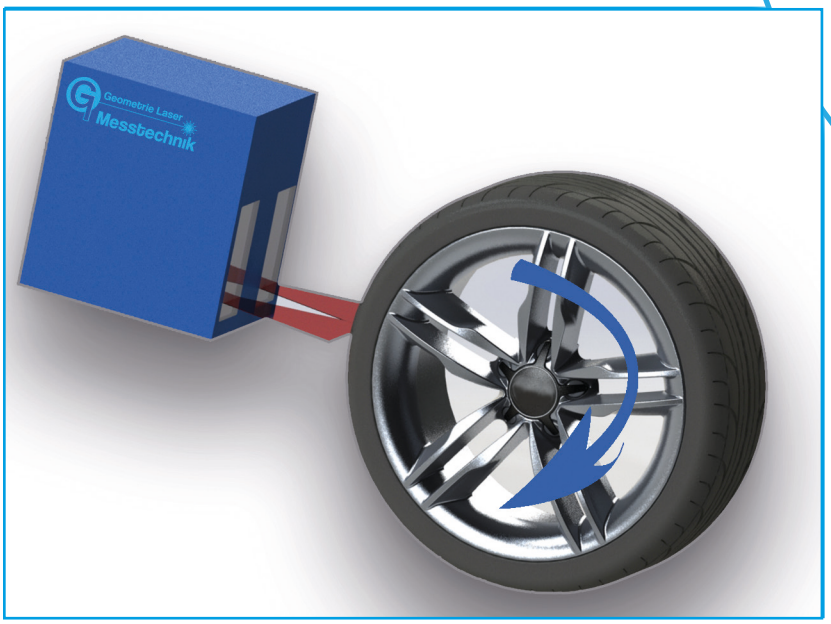
Innovative Metrology

TriScan Tire- LS

3D Tread Profile Measurement

- ✓ Contactless measurement
- ✓ Circumferential measurement of total tread surface on 360°
- ✓ Profile depth analysis
- ✓ Wearing analysis
- ✓ Heel & toe analysis
- ✓ 3D color-scaled tread map visualization and operation functions
- ✓ Run out measurement
- ✓ Automatic stud detection
- ✓ Lifetime estimation





The TriScan Tire sheet of light system offers a fast absolute measuring method, in which the tire is mounted on a tire driver. The sensors display a 3D image of 360° tread, including studs. Because many studs are lost during the tire production process GLM developed this unique software, which controls and measures the studs on tires. The software comprises all wear analysis tools.

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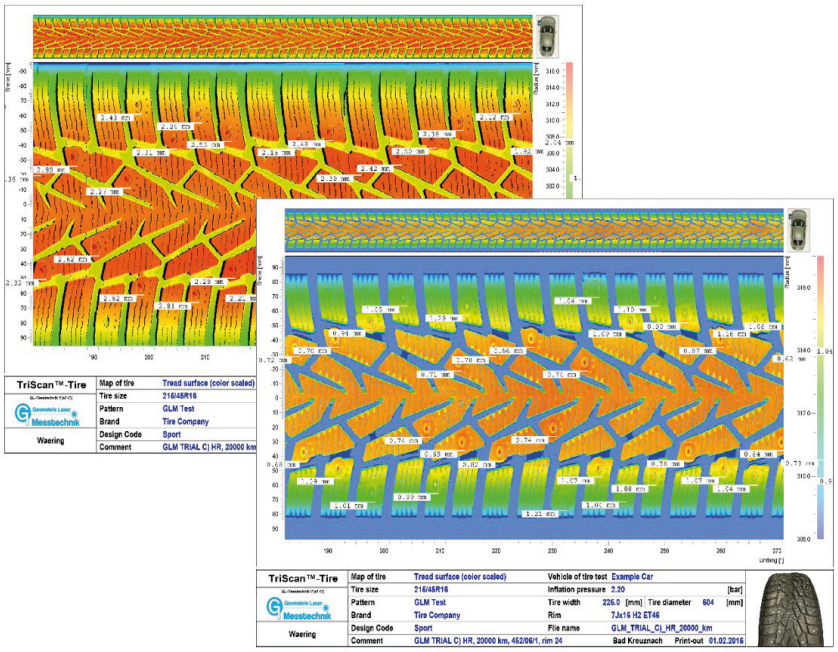

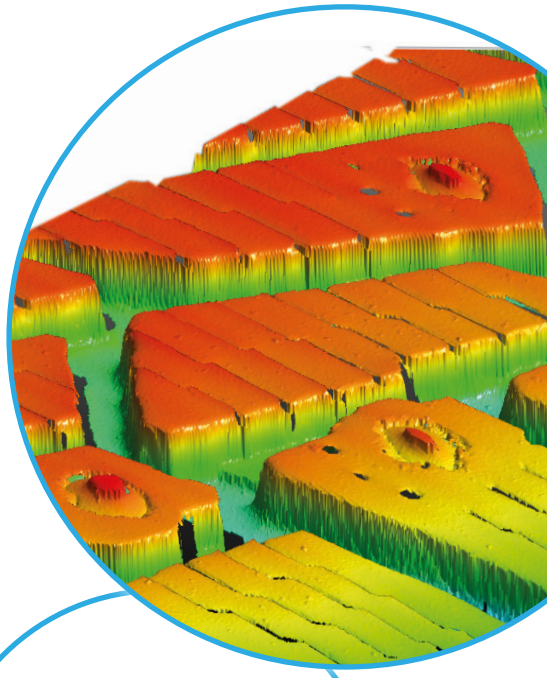

- ✓ Export functions
- ✓ Includes wearing analysis
- ✓ Includes car project sets
- ✓ Print out options

Details

	SD	HD	UHD
Measurement time:	< 10 sec.	< 60 sec.	< 240 sec.
Width resolution:	0,1mm	0,05mm	0,02mm
Profile thickness resolution:	0,1mm	0,05mm	0,02mm
Measurements per revolution:	4096	8192	32768
Measurement range:	50mm	100mm	100mm

Max. tire width: 150mm / 300mm / 450mm / 600mm

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