

Footprint Measurement System

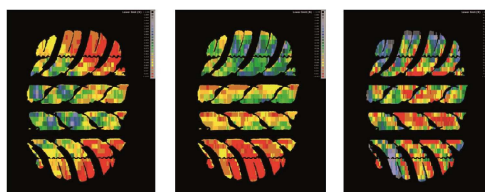
Tire/road contact are mapping

& FMS Engineering

Product definition

Footprint 3D force mapping (Fx, Fy, Fz) on dynamic condition

Device could be adapted on bench or on track
Based on sensor line & footprint pictures
Tire grip, wear and behavior analysis
Ground measurement while running



Strengths

Highest and adjustable mapping resolution

High accuracy (+/- 0,5%) and low cross talk (1%)

Real footprint and not azimuth tracking

Barycenter of longitudinal, transverse and vertical force mapping

Basics

Turnkey services and customed-sized products

Our customers

Tire manufacturer
Vehicle manufacturer
Proving ground

The **only device** to have a good understanding of the **physical interface** between tire and ground **Key tool** for tire research and development

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