

ROUGHNESS MEASUREMENT SYSTEM

RMS is a portable highly accurate device, easy and fast to use for micro and macro roughness measures and ground characterization

> Product purpose

Ground micro and macro roughness classification

Micro (adhesion) & macro roughness (drainability) textures measurement and analysis.

Grip analysis

Better understanding of tires and ground interactions.
Tires and vehicles set up, based on ground roughness.

Track changes comparison

RMS is equipped with GPS device that locates each mesure.
Analyzes and follows tracks changes to anticipate vehicle adjustment, choose most adapted tires and anticipate track maintenance.

> Strengths

Fast

Less than 15 seconds per measured profile.

Handy everywhere

Long autonomy up to 250 measurement per session.
Easily transportable thanks to its light weight.
Provided with netbook and RMS software.

High accuracy

25 μm only, for RMS LSP 127 (span 11.9 mm)
50 μm only, for RMS LSP 254 (span 23.8 mm)
Detects and excludes any outliers to guarantee measurement quality.

Basics

Micro & macro roughness measurement for tire behavior understanding.

> Our customers

Road makers, Proving grounds
Tire manufacturers, Car makers, Racing team



The RMS is a standard quality tool for ground profile qualification and tracks comparison.
Key instrument in a quality approach of tire-ground and vehicle testing.

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High tech experts on tire-suspension