ROAD MARKING TESTER – RMT

The RMT is a world unique product that makes it possible to control each and every of the relevant roadmarking performance parameters in one dynamic operation.

An awaited method

To achieve a quick overview of road marking status, mobile measurement is the most efficient method.

Until the RMT hit the market, the use of portable instruments had been the only way to control all the performance parameters of road markings. The use of portable instruments is much more time-consuming, inconvenient and can be insecure for the operators, compared to a mobile measurement.

The RMT is taking advantage of the latest available technology to enable the measurement of each and every centimeter of road marking in a continuous flow. The survey takes place in the normal traffic flow, at the same speed as the other traffic, and without any disturbance for the other road users.

A performance with continuous flow will contribute to a fair and rightful estimation of the works of the contractors and the ability to serve the road users with good guidance information in darkness and difficult weather conditions.

Version 3 and 4

With new technology, the Road Marking Tester version 3 has the ability to express the geometric attributes of road markings with help of laser scanning technology. Road marking coverage (or wear) is a key factor when expressing road marking visibility. Together with the functional parameters, RMT version 3 now has the advantage of taking both geometric and functional parameters into the equation of proper road marking visibility. RMT 3 is therefore the first ever complete tool for mobile road marking control and inventory.

The introduction of vehicle support systems using road markings as guidance has given new questions; not only what human beings need from road markings for proper guidance, but also vehicle support systems demands. The new RMT version 4 includes integration of ADAS-sensors (Advanced Driver Assistance System) , where road marking functional and geometric attributes now for the first time can be evaluated together with ADAS response. →

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THE PERFORMANCE PARAMETERS:

• Nighttime visibility	Retroreflection in dry conditions, RL (dry) Retroreflection during wetness, RL (wet) *
• Daytime visibility	Luminance coefficient, Qd*
• Friction	Skid resistance, SRT*
• Dimensions	Width, Length
• Calculation of wear	
• GPS coordinates	

Some of the technical components:
- Special developed laser camera
- High speed camera
- Reflectometer
- Front camera
- Luxmeter
- GPS
- Automatic image analysis

** Predicted parameter*

The variety of reports.