

TESTING SERVICE

TESTING SPEED MEASUREMENT INSTRUMENTS



SCOPE OF TESTING

The Road Traffic Safety Laboratory conducts tests related to the verification of the accuracy of devices used for measuring vehicle speed, including, among others:

- determination of the indication errors of the instruments to confirm that the permissible limit values are not exceeded,
- testing on a rig that mechanically forces the tested instrument to indicate a specific linear speed,
- testing in a laboratory room 70 m in length, enabling long-distance tests under defined, stable environmental conditions,
- determination of the characteristics of pulses generated by the devices,
- measurements performed using a real-time clock with an accuracy of ± 0.1 ms.

INTENDED USE

- **manufacturers of speed measurement devices** and broadly defined control and measurement equipment for road traffic who intend to introduce their products to the Polish and EU markets,
- **testing laboratories** conducting examinations and analyses of vehicle speed measurement equipment used to touch using radiation thermometry.

ADVANTAGES

- testing performed with use of modern equipment with high measurement accuracy, confirmed by calibration certificates,
- theoretical knowledge and practical skills of the laboratory staff ensure high quality of services and reliable verification of speed measurement devices.



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