

## 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  $\pm 0.1$  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.us 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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