

GPSi

A taximeter test is usually carried out using the rolling-road system that simulates a real route. Despite being quick and easy to calibrate, this has some limitations, which are resolved with a verification system based on GPS developed by Applus+.



THE Applus+ SOLUTION

GPSi is a taximeter verification system using measurement equipment based on satellite navigation (GNSS). The equipment consists of a portable device such as a tablet, on which the software for verification is executed, with the data received via an external high-frequency GPS antenna.

In 2012, the Spanish Metrology Centre verified the calibration of the Applus+ GPSi system.

APPLICATIONS AND RELATED SERVICES

- Taxis: taximeter inspection
- Public administrations: on-site testing

Target customers

Taxi drivers and public administrations.

Key customer benefits

- GPSi exceeds the metrological requirements applicable to the solutions for verifying taximeters at statutory-vehicle-inspections stations



- The reduced accuracy in data caused by wheel deformation on a rolling-road system is overcome
- Universal to all automotive vehicles
- System currently deployed by Applus+ and other organisations
- Provides high accuracy in measurement
- Calibrated system
- GPSi verification system is accredited by ENAC
- Portable
- Commercially available