



Technology x Enthusiasm = Performance

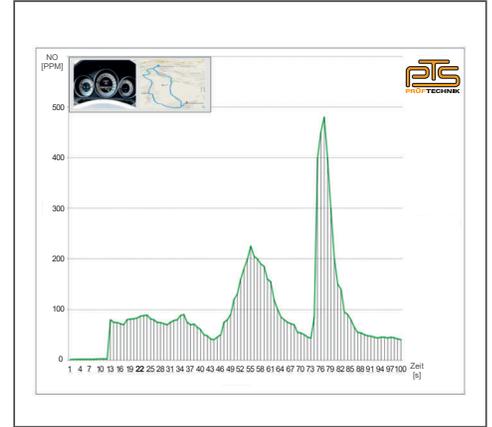
Emission measurement in real driving operation (RDE) with PEMS

PTS-Prüftechnik GmbH is internationally active in the fields of vehicle development, testing, engineering and consulting with more than 200 employees. At its headquarters in Waldstetten near Schwäbisch Gmünd, the company has 3 locations, further branches are located in Remshalden, Fellbach, Kreut near Ingolstadt and Wolfsburg.

The company is divided into seven business segments:

- Engineering
- Testing on test rigs
- Simulation
- Cooling circuit development
- Vehicle testing
- Vehicle technology
- Test bench technology





Mobile emission measurements with PEMS

The changes in exhaust gas legislation result in new tasks for exhaust gas measurement and analysis technology, including RDE (Real Driving Emissions) measurements.

Through the use of state-of-the-art mobile exhaust gas analysis technology, PTS-Prüftechnik as a development partner of the automotive industry is able to measure both gaseous (e.g. CO₂, NO_x) and solid exhaust gas components (PN) in real driving operation on the road or on roller and road-to-rig test benches.

On request we can carry out the following tasks for you:

1. Provision of RDE-tested route profiles that meet the respective legal requirements or valid standards (NEDC, WLTP...)
2. Vehicle preparation and adaptation of measurement technology (preprocessing)
3. Performance of legally compliant PEMS measurements on proven RDE route profiles from PTS-Prüftechnik or customer-specific profiles using experienced staff (RDE test)
4. Preparation, provision and evaluation of the recorded measurement data according to customer requirements (post-processing)



In cooperation with our customers, we develop customized solutions based on our competence and experience in development and testing.

Facing the future together with PTS-Prüftechnik!

