



## Exhaust gas emissions Passenger Cars / Light Duty Vehicles

For more than 50 years we act as an independent and solution-oriented test field and service provider. Since this time, we have been accompanying and advising our national and international customers.

By the extension of the current RDE legislation, emission measurements will become even more important in engine development. Pollutant reducing measures need to be applied covering the complete engine map.

On our powerful engine and powertrain test rigs, road conditions can be reproduced in an optimal way which thus provides excellent development conditions. Thanks to our testing competence in the field of exhaust gas analysis on the test rig as well as on the road we are the right partner for your development projects!

### TEST CENTER

Modern and flexible test benches for the most diverse test duties of your e-drive, hybrid drive or combustion engines.

#### DEVELOPMENT TEST BENCHES

With state-of-the-art measurement technology for e-drive, hybrid drive or combustion engines.

#### ENDURANCE TEST BENCHES FOR E-DRIVE APPLICATIONS

With dynamic air- and media technology for endurance and environmental tests of e-drives and e-axles.

#### COMBUSTION ENGINES

All known dynamic and stationary test procedures

#### POWERTRAIN TEST BENCH

For the testing of conventional, hybrid and pure electric powertrains.

### Your contact

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### EQUIPMENT (SEPARATELY FROM TEST BENCH)

- Exhaust gas analysis
- NH<sub>3</sub>
- N<sub>2</sub>O
- Particulate mass (partial flow)
- Particulate count
- EGR – Rate (CO<sub>2</sub> – measurement, Tandem HD/LP)
- Soot level / -concentration / opacity

### REAL DRIVING EMISSION

- PEMS devices with 48h substitute device guarantee
- exhaust roller dynamometer test bench (TÜV cooperation)
- Cooling container up to -30°C for coldstart temperatures
- Legally compliant test tracks
- Altitude measurement
- Development of customer-specific test tracks
- Work shop

### RANGE OF SERVICES

- Advice and realisation of your measurement tasks
- Application of measuring equipment
- On-site emission tuning
- Emission Homologation RDE (TÜV cooperation)
- Exhaust emission tuning on the exhaust roller dynamometer test bench