

# PORTABLE EMISSION MEASUREMENT SYSTEM (PEMS)

The test systems are operated in cooperation between the Graz University of Technology and FVT mbH.

## ○ ON-BOARD MEASUREMENT SYSTEMS

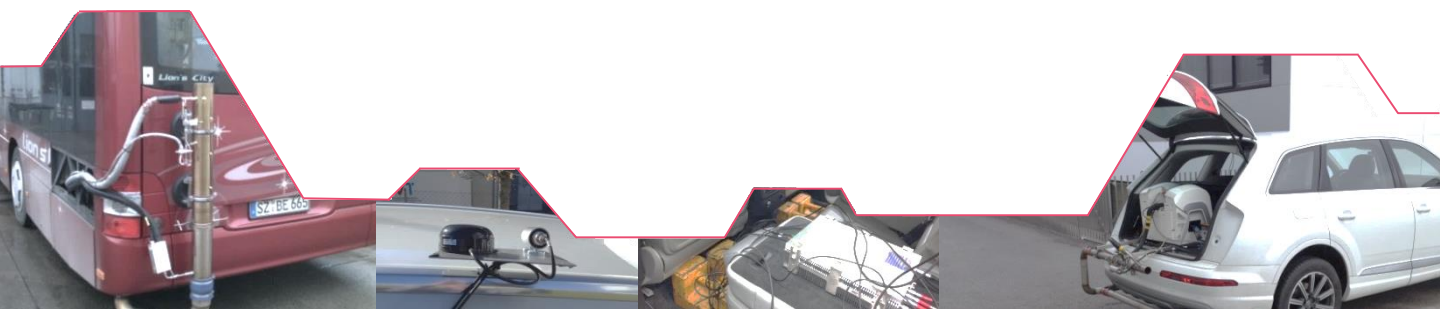
Each a system for cars and light commercial vehicles (LCV) and for heavy duty vehicles and non-road mobile machinery (NRMM) are available.

## ○ PASSENGER CARS & LCV

- System:** AVL MOVE inclusive PN PEMS
- Measured species:** CO<sub>2</sub>, CO, NO<sub>2</sub>, NO as well as particle number
- Exhaust gas mass flow:** Exhaust Gas Mass Flow Meter (EFM)
- Data acquisition:** Data logger for recording of emission data and other cycle-relevant information such as speeds, temperatures, air pressure, humidity, GPS position and ECU data

## ○ HEAVY DUTY VEHICLES & NRMM

- System:** SENSORS SEMTECH with AVL Micro Soot Sensor
- Measured species:** CO<sub>2</sub>, CO, THC und NO<sub>x</sub> (NO/NO<sub>2</sub>), optional soot emissions with AVL Micro soot System
- Exhaust gas mass flow:** Exhaust Gas Mass Flow Meter (EFM)
- Data collection:** As for passenger cars and LCVs



## COSTS exkl. VAT

(without costs for vehicle acquisition)

<b>1 day PEMS Tests PC (without vehicle mounting)</b>	<b>€ 1.490,-</b>
<b>1 day PEMS Tests HDV (without vehicle mounting)</b>	<b>€ 2.050,-</b>
<ul style="list-style-type: none"><li>Toll and fuel costs are not included</li></ul>	

## CONTACT

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