

INSTRUCTIONS FOR USE – AUTOSMOKE with AUTOGAS

EQUIPMENT SETUP

- Make sure vehicle engine is OFF. Securely park and connect all necessary accessories to AutoGas and AutoSmoke
- Turn ON AutoGas and allow it to run through its initialisation cycle
- Turn ON AutoSmoke and allow it to warm up to its operating temperature
- AutoGas and AutoSmoke will establish a connection automatically if placed closely
- Connect AutoGas to a PC via the serial port or USB-to-serial cable
- Run the AutoTest Emission Tester software on the connected PC to begin emission testing

PAIRING AUTOGAS WITH AUTOSMOKE

- Pairing is not required if AutoSmoke have been purchased along with AutoGas
- To pair an AutoGas opacity meter with a new AutoSmoke meter, please refer to section 6.1 of the user manual

TEST EQUIPMENT OPTIONS

- Engine oil temperature measurement can be obtained via the provided oil temperature probe or from the OBD-II reader (if OBD-II interface is available)
- Engine RPM measurement can be obtained via the OBD-II reader, an optional accelerometer sensor or by running AutoGas via vehicle battery
- Ensure to select the desired measuring test equipment in the software during a test

For more information, please refer to the AutoSmoke user manual

PRECAUTIONS

Preliminary checks

- Vehicle is securely parked and is running at normal operating temperature
- Vehicle contains sufficient engine oil
- No tests are to be conducted in an enclosed area
- Always take caution when working near engine or moving parts

When using engine oil temperature probe

- Ensure oil dipstick and temperature probe are clean before inserting them into the engine housing
- Ensure the oil temperature probe is no deeper than the vehicle oil dipstick to avoid contact with moving parts of an engine

When using vehicle battery to measure RPM

- If readings significantly differs from the vehicle's actually RPM at various engine speeds, turn ON headlights, AC and other electrical loads in the car

When using accelerometer sensor to measure RPM

- Engine head and radiator housing can get very hot
- Ensure accelerometer remains firmly mounted at all times
- Ensure mounting surface don't not exceeds the maximum temperature of 130°C



CAUTION: FRAGILE INSTRUMENT – HANDLE WITH CARE, DO NOT DROP

AUTOSMOKE is approved for MOT testing of Category A vehicles